Table 7.--Drillers' logs of wells in northwest King County, Wash.

Material	Thickness (feet)	Depth (feet)
Well 23/3-3A1		
Washington Toll Bridge Authority, test hole 2. About 600 ft S. and 250 ft W. of NE cor. Altitude about -92 ft. Drilled by L. R. Gaudio, 1952.		
"Mud"	15	15
Sand and gravel	32	47
Sand, fine (trace of clay)	10	57
Clay, blue, and sand	8	65
Sand, fine	9	74
Clay, blue, with some sand	11	85
Clay, blue	----	----
Well 23/4-2A1		
Seattle Engineering Dept., test hole 1. About 10 ft E. of center of intersection of Arrowsmith Ave. and Norfolk St. Altitude about 107 ft. Drilled, 1920.		
Sand and clay	14	14
Sand, water-bearing	7	21
Clay, blue	7	28
Sand, black, water-bearing	7	35
Clay, blue	2	37
Well 23/4-2A2		
Seattle Engineering Dept., test hole 13. About 160 ft N. and 40 ft E. of center of intersection of Arrowsmith Ave. and Norfolk St. Altitude about 80 ft. Drilled, 1920.		
"Hardpan," broken	20	20
Sand, black, water-bearing	2	22
Clay, blue	23	45
Well 23/4-2A3		
Seattle Engineering Dept., test hole 3. About 250 ft S. and 240 ft. E. of center of intersection of Arrowsmith Ave. and Norfolk St. Altitude about 107 ft. Drilled, 1920.		
Sand	5	5
Sand, water-bearing	1	6
Clay, blue	9	15
Sand, water-bearing	5	20
Clay, blue	3	23
Sand, water-bearing	6	29
Clay, blue	1	30
Sand, water-bearing	4	34
Clay, blue	1	35
Sand, water-bearing	5	40
Clay, blue	10	50

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 23/4-2A4		
Seattle Engineering Dept., test hole 18. About 160 ft S. and 310 ft E. of center of intersection of Arrowsmith Ave. and Norfolk St. Altitude about 80 ft. Drilled, 1920.		
Sand and clay	15	15
Sand, black, water-bearing	7	22
Clay, blue	13	35
Well 23/4-2H1		
Seattle Engineering Dept., test hole 5. About 30 ft N. and 30 ft W. of center of intersection of Arrowsmith Ave. and Cooper St. Altitude about 106 ft. Drilled, 1920.		
"Hardpan"	15	15
Sand, water-bearing	3	18
Clay, blue	3	21
Sand, water-bearing	5	26
Clay, blue	4	30
Sand, water-bearing	5	35
Clay, blue	5	40
Well 23/4-2H2		
Seattle Engineering Dept., test hole 21. About 70 ft N. and 70 ft E. of center of intersection of Arrowsmith Ave. and Cooper St. Altitude about 84 ft. Drilled, 1920.		
"Rocks" and clay	5	5
Sand, black	2	7
Clay, blue	3	10
Sand, water-bearing	2	12
Clay, blue	20	32
"Hardpan," blue	1	33
Well 23/4-4A1		
Boeing Airplane Co. About 1,350 ft S. and 2,300 ft W. of NE cor. Altitude about 15 ft. Drilled by N. C. Jannsen Drilling Co.		
Sand	5	5
Clay	7	12
Sand and gravel	16	28
"Mud"	48	76
Gravel and clam shells	29	105
"Mud"	32	137
Gravel	3	140
"Mud"	19	159
Gravel	5	164
"Mud"	19	183
Sand, cemented	18	201

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 23/4-4A1--Continued		
Clay, blue	149	350
Clay, sandy	12	362
Clay, blue	60	422
Sand	13	435
Clay, blue, and sand	61	496
Sand	99	595
Clay, sandy	55	650
Sand	36	686

Casing: 12-inch to 185 ft, 8-inch from 146 to 686 ft; perforated 500 ft to 590 ft.

Well 23/5-5C1

City of Renton. On the NW cor. of intersection of 108th Ave. and 100th St. Altitude about 238 ft. Drilled by L. R. Gaudio, 1952.

Surface	2	2
Clay, sandy, brown; with pebbles	20	22
Clay, gray	22	44
Clay, gray, with pebbles	4	48
Sand and gravel, cemented	18	66
Clay, silty	34	100
Sand, fine, and clay	10	110
Clay, sandy, and wood	8	118
Sand, fine	8	126
Sand, fine, with clay	9	135
Clay	18	153
Sand, medium, streaks of clay	11	164
Sand, coarse	3	167
Sand, fine to medium; some clay and wood	18	185
Sand, coarse, and fine gravel	5	190
Sand, medium to coarse; some clay	8	198
Clay and wood	2	200
Sand, coarse, and fine gravel; clay and wood	6	206
Sand, medium, and some clay	4	210
Sand, fine, and streaks of clay	5	215
Sand, coarse, and wood	3	218
Sand, fine, and clay	7	225
Sand, coarse, and clay	13	238
Sand, coarse, and fine gravel	8	246
Sand, medium, and streaks of clay	6	252
Sand, coarse, and gravel	3	255
Sand, fine, and clay and pebbles	15	270
Gravel, sand, and boulders	5	275
Gravel and sand, cemented	9	284
Gravel and sand	1	285
Gravel and sand, cemented	3	288
Clay, blue	1	289
Gravel, sand, boulders, and clay	48	337

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 23/5-5C1--Continued		
Clay, silty	1	338
Clay, sandy	2	340
Sand, medium to coarse; streaks of clay	3	343
Sand, gravel, and clay	2	345
Sand, coarse, and gravel	3	348
Sand, gravel, and clay	11	359
Sand, fine	6	365
Sand, coarse, and gravel	11	376
Sand and gravel, cemented	12	388

Casing: 20-inch to 287 ft, 12-inch 247 to 376 ft, 100 screen from 318 to 338 ft and from 366 to 376 ft.

Well 23/5-9C1

City of Renton. About 100 ft S. and 2,050 ft E. of NW cor. Altitude about 350 ft. Drilled by N. C. Jannsen Drilling Co.

Gravel and sand	68	68
Gravel, water-bearing	16	84
Clay and cemented gravel	14	98
Shale	12	110
Gravel, water-bearing	8	118
Gravel, cemented	10	128
Gravel, water-bearing	6	134
Sand and gravel	18	152
"Hardpan"	6	158
Clay	6	164
Gravel, water-bearing	4	168
Clay	7	175

Casing: 22-inch to 75 ft, 10-inch from 0 to 175 ft; perforated from 92 to 175 ft.

Well 24/3-13F1

Bethelehem Steel Co. About 2,400 ft S. and 1,700 ft E. of NW cor. Altitude about 30 ft. Drilled by N. C. Jannsen, 1924.

Fill	3	3
Sand and gravel	4	7
Clay, blue, and some gravel	43	50
Clay, blue	25	75
Sand, water-bearing	1	76
Clay and silt	21	97
Sand, water-bearing, and wood	5	102
Clay, blue, hard	10	112
Clay, blue, and some gravel	19	131
Clay with gravel and stones	5	136
Silt and sand	24	160

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/3-13F1--Continued		
Clay with gravel	7	167
Silt and sand	23	190
Clay, blue	8	198
Sand and water	2	200
Clay, blue	42	242
Clay and gravel, water-bearing	2	244
Clay, soft, blue	26	270
Silt, sand, and clay	34	304
Clay, hard, shaly	60	364
Clay, hard, and sand	4	368
Clay, hard, shaly	56	424
Sand, silty	2	426
Gravel and boulders	7	433
Sand, silty	29	462
Gravel, water-bearing	10	472

Casing: 12-inch to 350 ft, 10-inch from 294 to 424 ft, 8-inch from 408 to 462 ft, 6-inch from 414 to 472 ft; perforated from 462 ft to 472 ft.

Well 24/3-13G1

Seattle Engineering Dept., test hole 1. About 150 ft S. and 800 ft E. of center ¼ cor. Altitude about 108 ft.

Soil, clayey, yellow	5	5
"Quicksand," yellow, water-bearing	2	7
Clay, hard, blue	33	40

Well 24/3-13G2

Seattle Engineering Dept., test hole 12. About 800 ft E. of center ¼ cor. Altitude about 80 ft.

Clay, hard, yellow	18	18
Sand, yellow, and clay	2	20
Clay, hard, blue	6	26

Well 24/3-13G3

Seattle Engineering Dept., test hole 11. About 150 ft N. and 800 ft E. of center ¼ cor. Altitude about 64 ft.

Soil, clayey, yellow	8	8
Sand and gravel, water-bearing	2	10
Clay, hard, yellow	8	18
Clay, hard, blue	4	22

Well 24/3-13G4

Seattle Engineering Dept., test hole 16. About 300 ft N. and 750 ft E. of center ¼ cor. Altitude about 58 ft.

Soil, clayey, yellow	6	6
Clay, hard, yellow	13	19
"Muck" and sand, water-bearing	2	21
Clay, hard, blue	2	23

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/3-13G5		
Seattle Engineering Dept., test hole 30. About 700 ft N. and 750 ft E. of center ¼ cor. Altitude about 37 ft.		
Soil, clayey, yellow	7	7
Clay, hard, yellow	9	16
Clay, hard, blue	2	18
Well 24/3-15F1		
Seattle Engineering Dept., test hole A. About 1,450 ft S. of N¼ cor. Altitude about 143 ft.		
Loam, sandy	2	2
Loam, sandy to clayey, water-bearing	1	3
Clay, dark-brown	4	7
Clay, hard, blue	3	10
Clay, blue, and fine sand	4	14
Clay, hard, blue, water-bearing	33	47
Sand, fine, and hard blue clay	5	52
Sand, fine, and blue clay	8	60
Sand, medium-fine, brown	1	61
Sand, fine, and brown clay	10	71
Sand, fine, bluish-brown, and clay	2	73
Well 24/3-15F2		
Seattle Engineering Dept., test hole D. About 1,750 ft S. of N¼ cor. Altitude about 108 ft.		
Sand, dark	18	18
Clay, soft, blue, and sand	3	21
Clay, hard, blue	19	40
Sand, fine, blue, and clay	3	43
Clay, hard, blue	2	45
Sand, fine, blue, and clay	2	47
Sand, fine, brown	5	52
Well 24/3-15F3		
Seattle Engineering Dept., test hole B. About 1,600 ft S. of N¼ cor. Altitude about 134 ft.		
Clay, yellow	8	8
Sand, fine, and yellow clay	2	10
Clay, bluish-yellow, water-bearing	1	11
Clay, hard, blue	2	13
Sand, very fine, and blue clay	4	17
Clay, blue	6	23
Clay, blue, and fine sand	5	28
Clay, hard, blue	6	34
Clay, blue	16	50
Clay, blue, and very fine sand	6	56
Sand, fine, brown	2	58

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/3-15F4		
Seattle Engineering Dept., test hole F. About 1,900 ft S. of N¼ cor. Altitude about 68 ft.		
Sand, brown, and soil	3	3
Sand, fine, blue	4	7
Sand, fine, blue, and blue clay	3	10
Clay, blue, and sand	2	12
Clay, hard, blue	11	23
Clay, hard, blue, and sand	5	28
Sand, blue, and clay	1	29
Clay, hard, blue	2	31
Sand, brown	2	33
Clay, brown, and sand	1	34
Sand	9	43
Well 24/3-15G1		
Seattle Engineering Dept., test hole 15. About 2,500 ft S. and 200 ft E. of N¼ cor. Altitude about 111 ft.		
Sand, coarse, gray	12	12
Clay, blue	1	13
Clay, crumbly, blue	10	23
Sand, fine, brown	1	24
Clay, yellow	2	26
Sand, coarse, brown	1	27
Sand, fine, brown	12	39
Well 24/3-15K1		
Seattle Engineering Dept., test hole 1. About 3,550 ft S. and 350 ft E. of N¼ cor. Altitude about 51 ft.		
Clay, yellow	2	2
Clay, yellow, and blue	2	4
Sand, coarse, brown	3	7
Sand and clay, yellow	12	19
Clay and gravel, hard	5	24
Sand, reddish	2	26
Sand and gravel, coarse	6	32
Gravel	2	34
Clay, light-blue	1	35
Sand and clay, blue	1	36
Sand, reddish	1	37
Sand, coarse, gray	1	38
Sand and gravel	1	39
Gravel	2	41
Sand, coarse, gray	5	46
Clay, hard, light-blue	1	47
Sand and gravel	1	48
"Rocks," gravel, and sand	1	49
"Rock"	1	50

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/3-15K2		
Seattle Engineering Dept., test hole 11. About 3,150 ft S. and 150 ft E. of N¼ cor. Altitude about 46 ft.		
Sand, brown	3	3
Sand, blue	2	5
Clay, crumbly, blue	9	14
Clay, yellow	1	15
Sand, brown	2	17
Sand, gray	2	19
Sand, coarse, brown	5	24
Sand and gravel	1	25
Sand, coarse, blue	1	26
Sand, coarse, and gravel	2	28
"Rocks"	2	30
Well 24/3-15K3		
Seattle Engineering Dept., test hole 4. About 3,400 ft S. and 200 ft E. of N¼ cor. Altitude about 91 ft.		
Topsoil	1	1
"Muck"	3	4
Gravel and sand	4	8
Sand, fine, blue	3	11
Clay, blue	1	12
Clay, hard, blue	2	14
Sand, fine, blue	1	15
Clay, blue	1	16
Clay, hard, blue	7	23
Clay, blue and yellow	1	24
Sand, fine, yellow	2	26
Sand, coarse, yellow	4	30
Clay, yellow	1	31
Clay, hard, cemented, blue	3	34
Sand, fine, brown	4	38
Clay, hard, cemented, blue	2	40
Sand, coarse, brown	5	45
Well 24/3-15K4		
Seattle Engineering Dept., test hole 13. About 2,950 ft S. and 150 ft E. of N¼ cor. Altitude about 110 ft.		
Sand, coarse, brown	9	9
Sand, gray	11	20
Clay, blue	1	21
Clay, crumbly, blue	8	29
Sand, fine, blue	1	30
Clay, hard, blue	6	36
Clay, yellow, blue	3	39
Sand, coarse, gray	1	40
Clay, hard, light-blue	1	41
Sand, coarse, brown	4	45

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/3-16A1		
Washington Toll Bridge Authority, test hole. About 100 ft S. and 1,300 ft W. of NE cor. Altitude -177.8 ft.		
Shale, with some sand and clay seams	13	13
Shale, sand in varying amounts, increasing to bottom of hole	25	38
Well 24/3-16A2		
Washington Toll Bridge Authority, test hole. About 700 ft S. and 1,000 ft W. of NE cor. Altitude -226.3 ft.		
Sand	4	4
Gravel, shale, pebble, weathered	6	10
Shale with fine sand	14	24
Well 24/3-22R1		
Seattle Engineering Dept., test hole 14. About 100 ft N. of SE cor. Altitude about 97 ft.		
Sand and gravel	20	20
Clay, broken, blue, water-bearing	10	30
Clay, solid, blue	18	48
Well 24/3-23N1		
Seattle Engineering Dept., test hole 2. About 1,200 ft N. and 400 ft E. of SW cor. Altitude about 163 ft.		
Sand and gravel	40	40
Sand, fine	8	48
Sand, black, water-bearing	15	63
Clay, blue	7	70
Well 24/3-23N2		
Seattle Engineering Dept., test hole 23. About 700 ft N. and 100 ft E. of SW cor. Altitude about 25 ft.		
Sand and gravel	10	10
Sand and gravel, water-bearing	6	16
Clay, blue	5	21
Clay, broken, water-bearing	2	23
Clay, blue	12	35
Well 24/4-2Q1		
Joe Fiorito. About 950 ft N. and 850 ft W. of SE cor. Altitude about 20 ft. Drilled by N. C. Jannsen Drilling Co., 1941.		
Clay, brown	15	15
Clay, blue	10	25
Gravel	2	27
Clay, blue	33	60

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-2Q1--Continued		
Sand and gravel	1	61
Clay, blue	14	75
Clay and sand	30	105
Sand, fine	7	112
Clay, blue	23	135
Silt	23	158
Clay	47	205
Gravel, medium, water-bearing	15	220
Clay, sandy	20	240
Silt	12	252
Clay	2	254
Casing: 6-inch; perforated 70 to 82 ft, 205 to 212 ft.		
Well 24/4-5C1		
Seattle Engineering Dept., test hole 28. About 1,450 ft S. and 2,600 ft E. of NW cor. Altitude 194.8 ft.		
Sand and gravel, loose, brown	16	16
Sand and gravel, clayey	2	18
Clay, light-blue	18	36
Clay, light-blue, hard, fine sand seams	28	64
Clay, blue, very hard, some sand and gravel	5	69
Sand and gravel, coarse to fine, very compact	6	75
Well 24/4-5C2		
Seattle Engineering Dept., test hole 26. About 850 ft S. and 1,950 ft E. of NW cor. Altitude 190.5 ft.		
Sand, brown, clayey	2	2
Clay, blue, some fine sand seams	16	18
Clay, stratified, blue, and clayey silt	20	38
Clay, hard, sandy, blue	6	44
Clay, hard, stratified, silty, blue, some sand and gravel	16	60
Well 24/4-5C3		
Seattle Engineering Dept., test hole 19. About 400 ft S. and 2,300 ft E. of NW cor. Altitude 266 ft.		
Sand, gravelly, clayey, brown (till)	27	27
Clay, silty, blue	41	68
Sand, silty, fine, and clean sand	8	76
Boulder	----	----

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-5C4		
Seattle Engineering Dept., test hole 17. About 300 ft S. and 1,700 ft E. of NW cor. Altitude about 107 ft.		
Gravel, sandy, clayey	2	2
Clay, silty, blue	9	11
Sand, gravelly, clayey, blue	11	22
Gravel, sandy, clayey, gray	6	28
Sand, coarse, clean, gray	3	31
Well 24/4-5G1		
Seattle Engineering Dept., test hole 33. About 1,450 ft S. and 2,900 ft E. of NW cor. Altitude 136.5 ft.		
Clay, soft, silty, gray	11	11
Clay, hard, silty, blue; layers of pure clay	17	28
Clay, silty, blue, with sand seams	4	32
Sand, compact, coarse to fine, blue-gray	8	40
Well 24/4-5J1		
Seattle Engineering Dept., test hole 3A. About 187 ft N. and 620 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 207 ft. Drilled, 1948.		
Sand, medium, brown, and fine gravel	10	10
Sand, medium, gray, wet	25	35
Clay, sandy, medium-hard, blue	8	43
Clay, medium-hard, blue	98	141
Well 24/4-5J2		
Seattle Engineering Dept., test hole 6A. About 95 ft N. of center line of Charles St. and 987 ft E. of center line of 12th Ave. S. Altitude about 137 ft. Drilled, 1948.		
Fill	6	6
Clay, sandy, medium-hard, brown	12	18
Sand, coarse, and fine to coarse, brown, gravel	9	27
Clay, sandy, medium-hard, brown	20	47
Sand, fine, compact, blue	20	67
Clay, medium-hard, blue	2	69
Well 24/4-5J3		
Seattle Engineering Dept., test hole 4C. 444 ft N. and 300 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 201 ft. Drilled 1948.		
Clay, medium-hard, brown	5	5
Clay, sandy, medium-hard, blue	4	9
Clay, sandy, medium-hard, blue	25	34
Clay, medium-hard, blue	97	131

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-5J4		
Seattle Engineering Dept., test hole 7C. 871 ft N. and 300 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 111 ft. Drilled, 1948.		
Sand, medium, brown, water-bearing	11	11
Gravel, fine to coarse	1	12
Clay, medium-hard, blue	33	45
Well 24/4-5J5		
Seattle Engineering Dept., test hole 3E. About 160 ft N. and 23 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 229 ft. Drilled,1948.		
Fill	4	4
Sand, medium, brown	10	14
Clay, sandy, medium-hard, blue	28	42
Clay, medium-hard, blue	23	65
Clay, medium-hard, stratified, blue	15	80
Clay, medium-hard, blue	100	180
Well 24/4-5K1		
Seattle Engineering Dept., test hole 6E. About 385 ft N. and 365 ft W. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 126 ft. Drilled, 1948.		
Clay, medium-hard, blue	49	49
Clay, sandy, medium-hard, blue	10	59
Clay, medium-hard, blue	7	66
Clay, sandy, medium-hard, blue	7	73
Clay, sandy, hard, blue	3	76
Sand and gravel, clayey, compact, blue	5	81
Well 24/4-5Q1		
Seattle Engineering Dept., test hole 5F. 427 ft W. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 127 ft. Drilled, 1948.		
Clay, medium-hard, blue	28	28
Clay, hard, blue	50	78
Clay, sandy, very hard	12	90
Well 24/4-5R1		
Seattle Engineering Dept., test hole 1. About 300 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 260 ft. Drilled, 1948.		
Fill	2	2
Sand, medium, brown, and coarse gravel	12	14
Sand, clayey, compact, gray-brown	4	18
Gravel, fine to coarse	2	20
Sand, compact, and fine gravel	3	23

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-5R1--Continued		
Gravel, fine to coarse	2	25
Sand, fine, compact, and fine gravel	4	29
"Rock"	1	30
Sand, medium, compact, brown	5	35
Sand, fine, compact, gray	4	39
Clay, hard, sandy, blue	18	57
Well 24/4-5R2		
Seattle Engineering Dept., test hole 2F. 23 ft E. of center of intersection of Norman St. projected and 12th Ave. S. Altitude about 243 ft. Drilled, 1948.		
Sand, medium-fine, and fine gravel	3	3
Sand, medium, gray-brown, and fine gravel	10	13
Sand, fine, compact, gray-brown, and fine to coarse gravel	3	16
Sand, fine, compact, gray-brown	5	21
Gravel, fine to coarse	2	23
Sand, fine, compact, blue	10	33
Sand, clayey, fine, blue	5	38
Clay, sandy, hard, blue	15	53
Clay, hard, blue	85	138
Clay, hard, blue, with hard, brittle "shale"	4	142
Clay, hard, blue	23	165
Well 24/4-8D1		
Arden Farms. About 400 ft N. and 250 ft W. of center of intersection of Massachusetts St. and Highway 99. Altitude about 10 ft. Drilled by N.C. Jannsen Drilling Co., 1926.		
Fill	14	14
Clay, blue	44	58
Gravel, cemented, hard and dry	10	68
Clay, blue	16	84
Gravel, cemented	4	88
Clay, blue	68	156
No record	2	158
Clay, blue	6	164
Clay, hard, blue	8	172
Clay, blue	28	200
No record	15	215
Gravel, water-bearing	1	216
Gravel	10	226
Gravel, cemented	6	232
Casing: 18-inch to 215 ft, 12-inch from 180 to 226 ft; perforated, 180 to 226 ft.		
Well 24/4-11A1		
A. R. Early. About 850 ft S. and 700 ft W. of NE cor. Altitude about 85 ft. Dug by Adams, 1932.		
Gravel and "hardpan"	10	10
Clay, blue, sand lenses	25	35

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-11A1--Continued		
Clay, blue	54	89
Sand, magnetic, black	----	----

Casing: 60-inch to 45 ft, 5-inch from 45 to 89 ft.

Well 24/4-11J1

Fred Bekin. About 2,800 ft S. and 650 ft W. of NE cor. Altitude about 44 ft. Drilled by N. C. Jannsen Drilling Co., 1932.

Soil	2	2
Clay, sand	4	6
Gravel, cemented, hard	11	17
Clay, blue	43	60
Clay, blue, and "boulders," water-bearing at 110 ft	52	112
Clay, blue, and gravel	13	125
Gravel, loose	4	129
Gravel, cemented	19	148
Clay, sandy	18	166
"Boulders"	3	169
Gravel, cemented	66	235
"Hardpan" and gravel	11	246
"Boulders," loose	2	248
"Hardpan," gray	37	285
"Hardpan"	87	372
"Shale" (silt?), hard	203	575
Gravel and clay, some sand	38	613
Clay, hard, and "boulders"	45	658
"Soft spot"	9	667
Clay, sand, and "boulders"	18	685

Casing: 12-inch

Well 24/4-12D1

H. W. Attlesey. About 1,300 ft S. and 150 ft E. of NW cor. Altitude about 135 ft. Drilled by N. C. Jannsen Drilling Co., 1945.

Sand	22	22
Gravel, pea, and sand	9	31
Clay	----	----

Casing: 8-inch to 31 ft.

Well 24/4-12F2

Mercer Island Cooperative Water Association, test hole. About 1,800 ft S. and 2,050 ft E. of NW cor. Altitude about 250 ft. Drilled by N. C. Jannsen Drilling Co.

Sand	4	4
Gravel in "hardpan"	8	12
Gravel, loose	8	20
Clay, blue, with sandy clay	82	102

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-12F2--Continued		
Clay, blue	53	155
Sand, water-bearing	5	160
Clay, blue	20	180
Sand, water-bearing	9	189
Clay, blue	51	240
Clay, sandy	10	250
Clay, blue	6	256
Well 24/4-12J1		
D. L. Duckey. About 2,200 ft N. and 500 ft W. of SE cor. Altitude about 265 ft. Dug by A. Pinkston.		
Sand, medium-grained	30	30
Sand, fine	5	35
Casing: 24-inch to 35 ft.		
Well 24/4-12M1		
Mercer Island Cooperative Water Association. About 0.03 mile S. and 0.02 mile W. of intersection of 72nd St. SE and SE 32nd St. Altitude 270.5 ft. Drilled by St. Peter, 1950.		
Topsoil	7	7
Sand, compressed	33	40
Sand	12	52
Gravel, coarse	10	62
"Hardpan"	----	----
Casing: 20-inch to 62 ft; perforated from 32 ft to 62 ft.		
Well 24/4-13B2		
L. Voulis. About 50 ft S. of SE 40th St. and 170 ft E. of 78th Ave. SE. Altitude about 200 ft. Drilled by H. O. Meyer, 1951.		
Loam, clayey	3	3
Clay, yellow	19	22
Clay, sandy, blue	28	50
Clay, very sandy, blue	10	60
Sand, water-bearing	10	70
Clay	1	71
Casing: 6-inch to 65 ft; screen, 14-slot, from 65 to 70 ft.		
Well 24/4-17A1		
Seattle Engineering Dept., test hole 5. About 1,300 ft S. and 1,000 ft W. of NE cor. Altitude 238.1 ft.		
Sand and gravel	27	27
Sand, water-bearing	8	35

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-17A1--Continued		
Clay, blue	20	55
Sand, water-bearing	1	56
Clay, blue	19	75
Well 24/4-17C1		
Washington Highway Dept., test hole. About 1,150 ft S. and 3,600 ft W. of NE cor. Altitude about 15 ft. Driven by Raymond Concrete Pile Co., 1953.		
Sand, medium, black	18	18
Sand and organic silt, some wood	9	27
Sand, medium to fine, black, some gravel, thin silt seams, and wood	46	73
Sand, medium to fine, and stratified sandy silt	18	91
Well 24/4-17F1		
Seattle Engineering Dept., test hole 14. About 1,750 ft S. and 3,200 ft W. of NE cor. Altitude about 12 ft.		
Sand and gravel, fill	14	14
Clay, soft	10	24
Sand, medium to coarse, clean	20	44
Sand, medium to fine, trace of silt	24	68
Well 24/4-17H1		
Seattle Engineering Dept., test hole 8. About 2,150 ft S. and 950 ft W. of NE cor. Altitude 260.8 ft.		
Sand	20	20
"Hardpan"	7	27
Sand and "rock"	6	33
Clay, blue	2	35
Well 24/4-17J1		
Seattle Engineering Dept., test hole 10. About 2,350 ft N. and 900 ft W. of SE cor. Altitude about 254 ft.		
Sand and "rock"	20	20
Sand, water-bearing	7	27
Clay, dry, blue	50	77
Sand, fine, water-bearing	10	87
Clay, dry,blue	5	92

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-17L1		
Seattle Engineering Dept., test hole 19. About 2,300 ft N. and 2,900 ft W. of SE cor. Altitude about 3 ft.		
Sand, medium to coarse, traces of silt	40	40
Sand, medium to coarse, clay lenses	5	45
Sand, medium to fine, clay lenses	7	52
Sand, clayey	6	58
Clay, fine sand, and gravel	7	65
Clay, blue, coarse sand, and gravel	3	68
Sand, coarse, and gravel	3	71
Clay, blue	3	74
Well 24/4-17M1		
Seattle Engineering Dept., test hole 7. About 1,300 ft N. and 5,100 ft W. of SE cor. Altitude about 6 ft.		
Sand, medium to coarse	11	11
Clay and silt	2	13
Clay, soft	1	14
Sand, fine	5	19
Sand, coarse	15	34
Sand, medium to fine	2	36
Sand, coarse, and wood	10	46
Sand, medium to coarse	17	63
Sand, medium to fine	11	74
Well 24/4-17P1		
Seattle Engineering Dept., test hole 26. About 350 ft N. and 2,850 ft W. of SE cor. Altitude about 15 ft.		
Sand, coarse	36	36
Clay, blue-gray	6	42
Sand, clayey	7	49
Clay, sand, and gravel	5	54
Sand, coarse, and gravel	15	69
Clay, sand, medium gravel	3	72
Well 24/4-18B1		
Elliott Bay Mill Co. About 1,300 ft S. and 2,850 ft E. of NW cor. Altitude about 10 ft.		
Sand	165	165
Gravel, cemented	95	260
Clay, blue	70	330
Clay and gravel	105	435
Gravel	23	458
Clay	12	470
Gravel	30	500
Gravel, cemented	45	545
Gravel	17	562
Boulders, bedded in clay	213	775

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-18B1--Continued		
Sand	20	795
Clay with boulders	145	940
Clay, sandy	60	1,000
Sand, coarse	30	1,030
Clay and hard shale	197	1,227
Clay, soft	8	1,235
Shale, hard	80	1,315
Sand, coarse	31	1,346
Shale and boulders	69	1,415
Sand, coarse	104	1,519
Sand, hard	19	1,538
Gravel, cemented	12	1,550

Casing: 24-inch to 53 ft, 20-inch to 170 ft, 10-inch from 165 to 510 ft, 8-inch from 500 to 1,020 ft, 6-inch from 1,010 to 1,550 ft; perforated 410 to 510 ft, 980 to 1,020 ft, 1,350 to 1,550 ft.

Well 24/4-18Q1

Seattle Engineering Dept., test hole 1. About 450 ft N. and 3,500 ft E. of SW cor. Altitude about 5 ft.

Gravel and coarse sand	8	8
Sand, coarse	5	13
Sand, fine to medium	32	45
Sand, fine, trace of silt	12	57
Sand, medium to fine	39	96

Well 24/4-19H1

Liquid Carbonic Corp. About 140 ft S. and 140 ft W. of center of intersection of Hudson St. and Colorado Ave. Altitude about 15 ft. Drilled by N. C. Jannsen Drilling Co., 1941.

Sand	250	250
Clay	62	312
Shale	319	631

Casing: 10-inch to 76 ft, 8-inch from 0 to 260 ft; perforations from 40 ft to 250(?) ft.

Well 24/4-20N1

Washington Highway Dept., test hole 1. About 350 ft N. and 50 ft E. of SW cor. Altitude about 6 ft.

Sand, medium, brown	9	9
Sand, medium, black, some gravel	7	16
Sand, medium to coarse, black, some gravel	17	33
Sand, medium to fine, black, some silt	39	72
Silt, gray	4	76
Sand, fine, black, silt layers	10	86
Sand, medium to fine, and sandy silt	16	102
Sand, medium to fine	18	120
Sand, fine, silty	33	153

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-25B1		
E. W. Rudow. About 400 ft S. and 2,000 ft W. of NE cor. Altitude about 80 ft. Drilled by Ralph Peterson.		
"Hardpan"	60	60
Clay, blue	50	110
Gravel	20	130
Casing: 6-inch.		
Well 24/4-25B2		
H. W. McCurdy. About 900 ft S. and 2,250 ft W. of NE cor. Altitude about 50 ft. Drilled by N.C. Jannsen Drilling Co., 1941.		
"Hardpan"	50	50
Sand and gravel	14	64
Clay	10	74
Clay, sandy	30	104
Sand and gravel, water-bearing	9	113
Clay	1	114
Casing: 6-inch to 113 ft; perforated from 104 to 113 ft.		
Well 24/4-25B3		
E. R. Hinton. About 600 ft S. and 2,050 ft W. of NE cor. Altitude about 75 ft. Drilled by H. O. Meyer, 1948.		
Topsoil and gravel	6	6
"Hardpan" and sand	34	40
Clay, some sand	20	60
Sand and gravel, water-bearing	5	65
Clay, blue	44	109
Sand and clay, water-bearing	10	119
Sand, gravel, silt, and loose clay, water-bearing	5	124
Gravel and sand, water-bearing	4	128
Casing: 6-inch to 128 ft.		
Well 24/4-25R1		
Mercer Island School Dist. 400. About 0.48 mile S. and 0.14 mile W. of center of intersection of 84th Ave. SE and SE 72nd St. Altitude about 350 ft. Drilled by N. C. Jannsen Drilling Co., 1953.		
Clay, yellow	20	20
Sand	20	40
Clay	2	42
Gravel and sand	28	70
Clay and gravel	40	110

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-25R1--Continued		
Silt	1	111
Clay, blue	1	112
Clay and gravel	11	123
Sand	5	128
Clay and gravel	14	142
Clay	6	148
Gravel	6	154

Casing: 6-inch to 154 ft.

Well 24/4-29D1

Washington Highway Dept., test hole 6. About 850 ft S. and 250 ft E. of NW cor. Altitude about 2 ft.

Sand, medium to fine, some wood	25	25
Sand, medium to fine, silty, black	18	43
Silt, fine, sandy, some wood	11	54
Sand, fine, black, and silt	35	89
Sand, medium to fine, compact, some organic material	41	130
Silt, soft, and wood	8	138
Sand, fine, black	10	148
Silt, gray, and soft blue clay	45	193
Clay, greenish-blue, with shells	23	216

Well 24/4-30H1

Washington Highway Dept., test hole 9. About 2,200 ft S. and 50 ft W. of NE cor. Altitude -26 ft.

Sand, fine, black	13	13
Sand, fine, gray	7	20
Sand, fine, silty, black, some wood	13	33
Sand, medium to fine, silty, black	27	60
Sand, fine, silty, black	18	78
Sand, medium to fine, silty	9	87
Sand, compact, black	2	89
Sand, silty, medium to fine	13	102
Sand, fine, silty	18	120
Silt, sandy, clayey, greenish-blue, with shells	60	180
Sand, gravelly, medium, compact, blue-gray	10	190

Well 24/4-30J1

Washington Highway Dept., test hole 17. About 2,350 ft N. and 450 ft W. of SE cor. Altitude about 10 ft.

Sand, coarse to fine, brown	14	14
Sand, black, some peat	4	18
Silt, soft, gray, some peat	3	21
Sand, medium, and gray silt	15	36
Sand, medium, and some wood	25	61
Sand, medium to fine	13	74

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/4-30J1--Continued		
Sand, medium, black, with layers of silt	28	102
Sand, fine, stratified, loose	22	124
Sand, fine, silt, some gravel	16	140
Sand, medium to fine, clayey, gravelly	8	148
Well 24/4-30J2		
Washington Highway Dept., test hole 15. About 1,600 ft N. and 150 ft W. of SE cor. Altitude about 7 ft.		
Gravel, sandy	6	6
Clay, sandy, blue, and wood	9	15
Sand, fine to coarse, some wood	52	67
Silt, sandy, fine	5	72
Sand, medium to fine	6	78
Sand, clayey, gravelly, blue, with shells	8	86
Silt, sandy, clayey, blue	10	96
Silt, sandy, clayey, blue, with layers of blue sandy gravel	17	113
Sand, fine, silty, gray	8	121
Well 24/5-2D1		
King County Water Dist. 97. About 0.10 mile S. of intersection of Lake Hills Blvd. and 150th Pl. SE and 40 ft E. of 150th Pl. SE. About 20 ft N. of 24/4-2D2. Altitude about 300 ft. Drilled by H. T. Harstad and Assoc., 1955.		
"Hardpan"	20	20
Sand, coarse, water-bearing	22	42
Clay, blue	42	84
Sand, fine, water-bearing	3	87
Clay, impervious	26	113
Gravel, coarse, and "rocks," water-bearing	22	135
Sand, coarse, gravel and "rocks," water-bearing	19	154
Clay, compact	2	156
Sand, coarse, and gravel, water-bearing	4	160
Casing: 12-inch to 130 ft; screen, 130 to 160 ft.		
Well 24/5-2D2		
King County Water Dist. 97. About 0.10 mile S. of intersection of Lake Hills Blvd. and 150th Pl. SE and 40 ft E. of 150th Pl. SE. About 20 ft S. of 24/5-2D1. Altitude about 300 ft. Drilled by H. T. Harstad and Assoc., 1956.		
Sand and clay	38	38
Sand, water-bearing	5	43
Silt and clay	25	68
Clay	16	84
Silt and clay	28	112
"Hardpan"	8	120
Silt and gravel	30	150
Sand and gravel	9	159

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-2D2--Continued		
"Hardpan"	16	175
Sand, coarse to fine, water-bearing	48	223
Silt and clay	6	229

Casing: 18-inch to 187 ft, 12-inch from 0 to 220 ft; screen from 195 to 220 ft.

Well 24/5-2E1

D. D. Marshall. About 2,100 ft S. and 550 ft E. of NW cor. Altitude about 350 ft. Drilled by St. Peter, 1951.

"Hardpan"	80	80
Sand, yellow	55	135
Sand, black	30	165

Casing: 4-inch to 90 ft, 3-inch from 90 to 160 ft.

Well 24/5-3B1

C. E. Ulbrickson. About 100 ft S. and 2,200 ft W. of NE cor. Altitude about 300 ft. Drilled by H. O. Meyer, 1950.

Topsoil	2	2
Sand and clay	14	16
Clay, gray	2	18
Sand, clay, and gravel	10	28
Sand, water-bearing	2	30
Sand and clay	4	34
Sand and gravel	7	41
Clay	----	----

Casing: 6-inch to 41 ft.

Well 24/5-3G2

Sunset Hills Memorial Park. About 2,500 ft S. and 2,100 ft W. of NE cor. Altitude about 325 ft. Drilled by H. O. Meyer, 1955.

Topsoil	2	2
"Hardpan"	54	56
Sand, water-bearing	1	57
Sand, fine, and water-bearing	8	65
Sand, coarse, and gravel, water-bearing	20	85
Sand, coarse, less gravel	20	105
Clay, blue	20	125
Silt with clay	3	128
Silt, clay, water-bearing	4	132
Silt, hard	12	144
Gravel, coarse, and fine sand	10	154
Gravel, very coarse, and sand, water-bearing	35	189

Casing: 8-inch to 174 ft; screen from 174 to 189 ft.

Table 7.--Drillers' logs of wells in northwest King County, Washington.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-4D1		
King County Water Dist. 68. About 100 ft S. and 300 ft E. of NW cor. Altitude about 56 ft. Drilled by N. C. Jannsen Drilling Co., 1940.		
Clay	5	5
Clay, sandy	2	7
"Rocks"	28	35
Sand, gravel, and "rocks"	17	52
"Rocks"	13	65
Clay, blue	20	85
"Shale"	5	90
Clay, blue	42	132
Gravel, cemented	63	195
Gravel, loose, water-bearing	25	220
"Shale," hard	55	275
"Sandstone"	15	290
Clay, blue	20	310
Clay, blue, and "rocks"	55	365
Clay, blue	25	390
Sand, brown, water-bearing	5	395
Gravel and sand, with clay	140	535
Sand and gravel, water-bearing	55	590
Gravel, cemented	10	600
Casing: 12-inch to 127 ft, 10-inch from 40 to 120 ft, 8-inch from 127 to 600 ft; perforated from 195 to 220 ft and from 535 to 590 ft.		
Well 24/5-4E1		
G. C. Gunderson. About 2,300 ft S. and 850 ft E. of NW cor. Altitude about 50 ft. Drilled by H. O. Meyer, 1951.		
Clay, yellow	9	9
Clay, blue	6	15
"Hardpan"	5	20
Clay, blue, and gravel, water-bearing	70	90
Clay, sandy, fine	3	93
Clay	3	96
Clay, sandy, fine	39	135
Sand, and trace of clay	7	142
Sand and gravel	4	146
Casing: 6-inch to 141 ft; screen from 141 to 146 ft.		
Well 24/5-5D1		
L. H. Black. About 250 ft S. and 350 ft E. of NW cor. Altitude about 275 ft. Drilled by J. J. Bell, 1941.		
Topsoil	1	1
Clay, sticky, brown	15	16
Clay, blue	24	40
Silt, gray, water-bearing	2	42
Clay, sandy, blue	10	52

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-5D1--Continued		
Clay, blue	63	115
Sand, gravel, and clay, blue	5	120
Sand, gravel, and clay, brown	35	155
Clay, blue	1	156
Sand, hard, and gravel, with brown clay	6	162
Gravel, cemented, gray	42	204
Clay, brown	6	210
Clay, sandy, brown	20	230
Clay, sandy, gray-blue	20	250
Silt, gray	15	265
"Sandstone," gray	18	283
Clay, blue	12	295
Sand, gray, water-bearing	39	334
Clay, brown, and wood	3	337
Sand, fine, gray, water-bearing	23	360
"Rocks," small, few showing	1	361
"Semi-hardpan," "rocks"	34	395
Sand, gray, water-bearing	21	416
"Semi-hardpan"	28	444
Sand, "rocks," dirty, water-bearing	8	452
Sand, water-bearing	48	500

Casing: 8-inch to 480 ft; screen from 480 to 500 ft.

Well 24/5-5F1

E. W. Oppliger. About 2,000 ft S. and 2,450 ft E. of NW cor. Altitude about 70 ft. Drilled by N. C. Jannsen Drilling Co., 1935.

Dug hole, no record	52	52
Sand and gravel	4	56
Clay, yellow, and gravel	3	59
Clay, blue	13	72

Casing: 8-inch to 64 ft; perforated from 54 to 64 ft.

Well 24/5-5Q2

R. A. Llewellyn. About 600 ft N. and 2,550 ft W. of SE cor. Altitude about 140 ft. Drilled by N. C. Jannsen Drilling Co., 1935.

No record	50	50
"Hardpan"	23	73
Sand, dry	35	108
Sand, water-bearing	9	117
Sand, small gravel, water-bearing	5	122

Casing: 8-inch to 122 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-7J1		
William Jacquett. About 2,200 ft N. and 1,050 ft W. of SE cor. Altitude about 45 ft. Drilled by Van Arsdale, 1951.		
Clay, blue	45	45
Sand, coarse, and fine gravel	7	52
Casing: 6-inch to 52 ft; perforated from 42 to 52 ft.		
Well 24/5-7J2		
C. E. Wilson. About 1,950 ft N. and 1,200 ft W. of SE cor. Altitude about 50 ft. Drilled by Van Arsdale, 1951.		
Clay, blue	82	82
Sand	2	84
"Hardpan" (cemented gravel?)	11	95
Casing: 6-inch to 95 ft; perforated from 85 to 95 ft.		
Well 24/5-7K1		
Lyle Wickstrom. About 1,400 ft N. and 2,100 ft W. of SE cor. Altitude about 130 ft. Drilled by H. O. Meyer.		
"Hardpan," sandy	50	50
Clay	30	80
Silt	30	110
Clay	80	190
Sand, water-bearing	20	210
Sand and gravel, hard-packed	14	224
Casing: 6-inch to 210 ft.		
Well 24/5-7P1		
Mercer Crest Cooperative Water Assoc. About 1,050 ft N. and 1,350 ft E. of SW cor. Altitude about 275 ft. Dug by L. Bretz.		
Soil	2	2
"Hardpan"	26	28
Sand	2	30
Gravel	8	38
"Hardpan"	10	48
Sand, fine, water-bearing	29	77
Casing: 54-inch to 7 ft, 48-inch from 7 to 74 ft, 36-inch from 62 to 77 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-8K1		
Roy Bergerson. About 1,400 ft N. and 1,350 ft W. of SE cor. Altitude about 25 ft. Drilled by H. O. Meyer, 1951.		
Gravel	11	11
"Hardpan"	17	28
Gravel, water-bearing	3	31
Sand and gravel	2	33
"Hardpan"	3	36
Sand and gravel	9	45
Casing: 6-inch to 45 ft.		
Well 24/5-9C1		
Veterans' Mutual Bldg. Assoc. About 450 ft S. and 1,200 ft W. of N¼ cor. Altitude about 160 ft. Drilled by N. C. Jannsen Drilling Co., 1950.		
Topsoil	2	2
Sand, red	33	35
"Shale," blue	15	50
Sand, gray	15	65
Gravel	45	110
Gravel, water-bearing	30	140
Sand, blue	8	148
Casing: 10-inch to 98 ft, 8-inch from 63 to 148 ft; perforated from 100 to 140 ft.		
Well 24/5-9K2		
E. G. Kinsman. About 2,450 ft N. and 450 ft E. of SW cor. Altitude about 120 ft. Drilled by E. F. Axelson, 1947.		
Sand, hard	78	78
Clay, blue	34	112
Casing: 6-inch to 107 ft; screen from 107 to 112 ft.		
Well 24/5-9K3		
Sterling Theatres, Inc. About 1,950 ft N. and 2,050 ft W. of SE cor. Altitude about 115 ft. Drilled by Safely, 1951.		
"Hardpan"	30	30
Clay	116	146
Gravel	4	150
Sand, medium	20	170
Sand, coarse	20	190
Casing: 6-inch to 180 ft; screen from 180 to 190 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-10A1		
R. W. Diedrich. About 1,300 ft S. and 450 ft W. of NE cor. Altitude about 410 ft. Drilled by Lewis, 1943.		
Topsoil	5	5
"Hardpan"	60	65
Sand, blue-gray, little clay	70	135
"Quicksand," water-bearing	21	156
Sand, coarse	15	171
Casing: 4-inch.		
Well 24/5-10C2		
Century Builders, Inc. About 350 ft S. and 1,750 ft E. of NW cor. Altitude about 225 ft. Drilled by H. O. Meyer, 1955.		
"Hardpan"	40	40
Sand, some clay	10	50
Sand, clayey, water-bearing	5	55
Sand, water-bearing	45	100
Casing: 8-inch to 95 ft; screen, 8-inch, from 95 to 100 ft.		
Well 24/5-10D2		
L. R. Capper. About 850 ft S. and 1,450 ft E. of NW cor. Altitude about 65 ft. Drilled by H. O. Meyer, 1951.		
Topsoil	2	2
"Hardpan"	10	12
Clay, water-bearing	1	13
"Hardpan"	6	19
Clay, sandy, blue, with gravel	7	26
Sand, water-bearing	2	28
"Hardpan," blue	10	38
Clay, blue	5	43
"Hardpan"	3	46
Clay, blue, gravel, imbedded	9	55
"Hardpan," water-bearing	10	65
Sand and gravel, water-bearing	7	72
"Hardpan"	----	----
Casing: 6-inch to 70 ft.		
Well 24/5-10J2		
H. E. McKinney. About 1,850 ft N. and 350 ft W. of SE cor. Altitude about 325 ft. Drilled by St. Peter.		
Gravel and sand, water-bearing	35	35
"Hardpan"	35	70
Sand, yellow	20	90
Sand, black, water-bearing	13	103
Casing: 6-inch to 100 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-10K3		
Eastgate Shopping Center. About 2,200 ft N. and 2,100 ft W. of SE cor. About 450 ft N. of Frontage Road. Altitude about 325 ft. Drilled by L. R. Gaudio.		
"Hardpan" and cemented gravel	25	25
"Hardpan"	42	67
Gravel and sticky clay, water-bearing 55 to 60 ft	15	82
"Hardpan," with chunks of sandstone	11	93
Sandstone	72	165
Sandstone and clay	5	170
Sandstone, hard, blue	28	198
Sandstone, gray	17	215
Clay, gravel, and sand, water-bearing	15	230
Sandstone, gray	17	247
Sandstone, with sand and gravel	53	300
Sandstone	4	304
Sand and gravel, tight, and sandstone	23	327
Clay, sand, and gravel	23	350
Sandstone, with little clay	30	380
Sandstone	100	480
Casing: 12-inch to 93 ft.		
Well 24/5-11L1		
Puget Sound Air Service, Inc. About 1,700 ft N. and 2,150 ft E. of SW cor. Altitude about 325 ft. Drilled by Ralph Bennett, 1945.		
"Hardpan"	61	61
Sand and gravel	4	65
Sand and gravel, water-bearing	10	75
Casing: 6-inch to 66 ft; screen from 66 to 71 ft.		
Well 24/5-11N1		
Washington Water Service Co., Inc. About 600 ft N. and 750 ft E. of SW cor. Altitude about 350 ft. Drilled by H. O. Meyer, 1952.		
"Hardpan"	5	5
"Hardpan" and gravel, water-bearing at 8 ft	13	18
Sand, clay, and gravel	5	23
Gravel and clay, water-bearing	9	32
Clay, yellow, sand, and gravel	7	39
Gravel, medium, and sand, water-bearing	2	41
Sand and gravel	2	43
"Hardpan," water-bearing	3	46
"Hardpan," blue	1	47
Gravel, coarse, and sand	3	50
Gravel, fine, some sand	2	52
"Hardpan"	1	53
Gravel, medium, and coarse sand	4	57
Gravel, coarse, "hardpan"	2	59

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-11N1--Continued		
Gravel, coarse	2	61
Gravel, coarse, sand, and thin layer of "hardpan"	10	71
Gravel, medium, thin layer of "hardpan"	3	74
Sand, gravel, coarse, and medium sand	5	79
Hard layer, water-bearing	1	80
Gravel and sand	2	82
Silt	28	110
Sand	2	112
Clay	10	122
Sand, coarse	1	123
Sand, silt, and clay	4	127
Sand, gray	2	129
Sand, silt, and clay	13	142
"Hardpan"	9	151
Clay, blue, or shale	89	240
Sand, gray	8	248
Clay, blue	25	273
Sandstone, lavender	67	340

Casing: 12-inch to 78 ft; screen from 78 to 83 ft.

Well 24/5-11N2

Washington Water Service Co., Inc. About 1,150 ft N. and 150 ft E. of SW cor. Altitude about 360 ft. Drilled, 1954.

"Hardpan"	10	10
"Hardpan" and gravel, sand	20	30
"Hardpan" and coarse gravel	6	36
Gravel, "hardpan," and sand	4	40
Sand, loose, and gravel	10	50
Gravel, coarse, in "hardpan"	8	58
Gravel, coarse, water-bearing	4	62
"Hardpan" and coarse gravel	4	66
Gravel and sand	6	72
Sand, coarse, "hardpan"	4	76
Sand, medium	3	79
Sand, medium, some gravel	10	89
Sand, coarse	13	102
Clay, blue	3	105

Casing: 12-inch to 86 ft, 8-inch from 0 to 93 ft; screen from 93 to 103 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-13A1		
Henry Isaacson. About 4,300 ft N. and 300 ft W. of SE cor. Altitude about 80 ft. Drilled by N. C. Jannsen, 1933.		
Clay	6	6
Sand and "mud"	19	25
Clay, hard, blue	80	105
"Boulders," water-bearing	9	114
Sand, soft	43	157
Sand, black	94	251
Clay, sandy	54	305
Casing: 6-inch.		
Well 24/5-13D1		
--- Tweeter. About 1,100 ft S. and 150 ft E. of NW cor. Altitude about 480 ft. Drilled by Clyde Dorsten, 1952.		
"Hardpan" and boulders	45	45
Sand and gravel, water-bearing	5	50
"Hardpan" and boulders	60	110
Siltstone, gray	90	200
Casing: 6-inch to 110 ft. Backfilled to 50 ft and hole blown in casing at that point.		
Well 24/5-13N1		
Ersel Lockridge. About 350 ft N. and 200 ft E. of SW cor. Altitude about 700 ft. Drilled by H. O. Meyer.		
No record	24	24
Clay, sandy, blue	33	57
Clay, brown	6	63
Sand and gravel, pieces of wood	3	66
Clay, firm, green	23	89
Clay, brown, wood chips	11	100
Clay, green, and gravel	12	112
Clay, cream-colored	8	120
Clay, brown	6	126
Clay, green, and gravel	14	140
Clay, green	25	165
"Sandstone," dark-green, water-bearing	52	217
Casing: 6-inch to 130 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-14H1		
G. E. Hall. About 2,400 ft S. and 200 ft W. of NE cor. Altitude about 530 ft. Drilled by H. O. Meyer.		
No record	280	280
"Soft"	7	287
"Hard"	3	290
"Schist" and clay, (shale?)	5	295
"Hard"	5	300
"Soft"	28	328
"Hard"	5	333
Clay (shale?)	17	350
"Soft"	8	358
"Schist," hard	7	365
Clay (shale?)	10	375
"Hard"	10	385
Sand, hard (sandstone?)	25	410
Clay, gray (shale?)	4	414
Clay, gray, with a few hard spots (shale?)	21	435
Clay, sandy, soft, gray, (shale?)	7	442
Clay (shale?)	8	450
Sand (sandstone?)	15	465
Clay (shale?)	20	485
Clay, hard, and laminated sandstone	15	500
Clay, solidified (shale?)	10	510
Clay (shale?)	10	520
"Quartz," crystalline, brown	1	521
Clay (shale?)	5	526
Loose sloughings	1	527
"Shale like"	3	530
Shale and clay	8	538
Sandstone, gray-blue, water-bearing	2	540
Sandstone, gray-purple, water-bearing	1	541
Casing: 6-inch.		
Well 24/5-14J1		
Joseph Liebsack. About 2,100 ft N. and 50 ft W. of SE cor. Altitude about 680 ft. Drilled by H. O. Meyer, 1950.		
Topsoil	3	3
Gravel	7	10
Gravel, sand, and clay	15	25
Clay	10	35
Clay, sand, and gravel, fine	10	45
Sandstone, water-bearing	292	337
Casing: 6-inch to 42 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-14R1		
G. W. Bondo. About 600 ft N. and 150 ft W. of SE cor. Altitude about 700 ft. Drilled by H. O. Meyer, 1952.		
Gravel and boulders	20	20
Sandstone, loose	40	60
Sandstone, tight	40	100
Sandstone, loose, water-bearing	23	123
Casing: 6-inch to 60 ft.		
Well 24/5-15A2		
Eastgate Homes, Inc. About 800 ft S. and 600 ft W. of NE cor. Altitude about 360 ft. Drilled by H. O. Meyer, 1954.		
Topsoil	3	3
"Hardpan" and loose gravel	5	8
"Hardpan" and brown clay	12	20
"Hardpan," gray	14	34
"Hardpan," brown, some clay	16	50
Gravel, coarse, and sand; water-bearing	3	53
Clay, yellow, and "hardpan"	4	57
Gravel, coarse, and sand; water-bearing	4	61
"Hardpan"	13	74
"Hardpan," water-bearing	4	78
"Hardpan," yellow, and coarse gravel	3	81
"Hardpan," gray, and coarse gravel	2	83
"Hardpan," gray	7	90
"Hardpan," gray, and clay	5	95
"Hardpan," gray, and clay with thin layers of gravel	22	117
"Hardpan," and coarse gravel	18	135
"Hardpan"	3	138
Gravel, very coarse, up to 6 inches in diam	8	146
Gravel, very coarse, boulder at 147 ft	10	156
"Hardpan," yellow, and clay	10	166
Gravel, water-bearing	1	167
Sandstone, very hard, gray	30	197
"Muck," blue	28	225
Clay, sandy, brown	20	245
Sand, brown; no record	15	260?
Casing: 12-inch to 149 ft, 8-inch from 0 to 176 ft.		
Well 24/5-15B2		
Washington Water Service Co., Inc. About 600 ft S. and 2,450 ft W. of NE cor. Altitude about 430 ft. Drilled by H. O. Meyer, 1954.		
Topsoil	3	3
Sand and clay, boulders at 8 ft	10	13
Sand and clay, some gravel	13	26
"Hardpan," several layers of interbedded sand and gravel	80	106

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-15B2--Continued		
"Hardpan" - Top of water 116 ft	10	116
Sand, coarse, and small gravel	14	130
Sand, coarser, and small gravel	4	134
Sand, very coarse, and "egg size" gravel	1	135
"Hardpan"	1	136
Gravel, sandy	6	142
"Hardpan," water-bearing at 147 ft	6	148
"Hardpan"	12	160
Clay, brown, some sand	15	175

Casing: 8-inch to 135 ft. Screen from 129 to 134.

Well 24/5-16F2

Rose S. Kibbler. About 1,700 ft S. and 1,550 ft E. of NW cor. Altitude about 160 ft. Bored by T. Killian, 1951.

Sand	8	8
"Hardpan"	22	30
Sand	24	54

Casing: 24-inch, concrete tile, to 53.5 ft.

Well 24/5-16F3

E. Mankin. About 1,450 ft S. and 1,600 ft E. of NW cor. Altitude about 160 ft. Drilled by J. C. Maxwell, 1951.

Sand	10	10
Clay, yellow, sand and gravel	2	12
"Hardpan," sandy	28	40
Sand, "mucky"	15	55
Sand and gravel	8	63
Gravel, water-bearing	1	64

Casing: 6-inch to 64 ft.

Well 24/5-16H3

John Hudack. About 2,450 ft S. and 1,000 ft W. of NE cor. Altitude about 230 ft. Drilled by R. A. Lueck, 1951.

Topsoil	16	16
Clay	68	84
Sand, water-bearing	2	86
Shale	2	88

Casing: 6-inch to 86 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-16J1		
H. S. Karrasch. About 2,400 ft N. and 400 ft W. of SE cor. Altitude about 300 ft. Drilled by H. O. Meyer, 1951.		
Siltstone	180	180
Casing: 6-inch to 45 ft.		
Well 24/5-16M1		
J. R. Cluck. Lake Heights well 1. About 400 ft S. and 50 ft W. of NE cor. NW¼, SW¼. Altitude about 65 ft. Drilled by J. J. Bell, 1951.		
Soil, sandy	7	7
Gravel, sand, and clay	2	9
Clay, brown, and gravel	10	19
Clay, blue, and gravel	17	36
"Shale," blue	4	40
Clay, blue	45	85
Clay, blue, sand and gravel, very hard	20	105
Clay, "fat," blue	169	274
Sand and "shale," intercalated, blue	3	277
Casing: 6-inch to 277 ft.		
Well 24/5-16N1		
J. R. Cluck. Lake Heights well 2. About 150 ft N. and 850 ft E. of SW cor. Altitude about 225 ft. Drilled by H. O. Meyer, 1952.		
Sand	7	7
Clay	23	30
Clay and "hardpan"	80	110
Gravel and "hardpan"	20	130
Gravel	15	145
Peat	1	146
Gravel and sand, coarse	4	150
"Hardpan," and silt	20	170
Casing: 6-inch to 140 ft; screen from 140 to 150 ft.		
Well 24/5-18B1		
M. I. Stucky. About 100 ft S. and 2,450 ft W. of NE cor. Altitude about 305 ft. Drilled by Leo Bretz.		
Silt, brown, sand, and clay	60	60
Sand, fine	5	65
Clay, blue	205	270
Casing: 48-inch to 60 ft. Test hole drilled from 65 to 270 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-18G1		
M. E. Kristoferson. About 2,500 ft S. and 2,700 ft E. of NW cor. Altitude about 350 ft. Drilled by St. Peter, 1951.		
"Hardpan"	75	75
Sand and gravel	70	145
Casing: 20-inch to 145 ft; perforated from 125 to 145 ft.		
Well 24/5-19D1		
L. P. Bonifaci. About 1,050 ft S. and 650 ft E. of NW cor. Altitude about 230 ft. Dug by owner, 1949.		
Sand	8	8
"Hardpan"	2	10
Sand and gravel	17	27
Casing: 30-inch, concrete tile, to 27 ft.		
Well 24/5-19P1		
Carl Alson. About 400 ft N. and 1,400 ft E. of SW cor. Altitude about 300 ft. Drilled by Clyde Dorsten, 1953.		
"Hardpan"	25	25
Sand, coarse, and fine gravel	6	31
Sand, coarse	2	33
Sand, medium	4	37
Sand, coarse	2	39
Sand, medium	4	43
Casing: 6-inch to 43 ft. Perforated.		
Well 24/5-19P2		
Carl Alson. About 1,000 ft N. and 2,200 ft E. of SW cor. Altitude about 325 ft. Drilled by Clyde Dorsten, 1953.		
"Hardpan"	50	50
Sand, fine	20	70
Clay, silty	40	110
Clay, silty, interbedded with silt	102	212
Casing: 6-inch, pulled back to 50 ft.		
Well 24/5-20H1		
Oscar Granfelt. About 2,350 ft S. and 1,050 ft W. of NE cor. Altitude about 220 ft. Drilled by H. O. Meyer, 1951.		
"Hardpan," porous	100	100
Sand	80	180
Casing: 6-inch, to 175 ft; screen from 174 to 180 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-23C1		
Hill Top Community. About 170 ft N. and 260 ft E. of intersection of SE 50th St. and 151 Ave. SE. Altitude about 840 ft. Drilled by N. C. Jannsen, 1948.		
Clay, hard, and roots	1	1
"Liquid mud"	12	13
"Clay hardpan" and gravel	11	24
Gravel, loose, and mud	28	52
Sandstone, with streaks of clay (shale?), water-bearing	260	312
Casing: 12-inch to 21 ft, 8-inch from 0 to 65 ft.		
Well 24/5-23E1		
Horizon View Co., Inc. About 190 ft S. and 60 ft E. of center of intersection of 151 Ave.SE and 152Pl. SE. Altitude about 980 ft. Drilled by H. O. Meyer, 1950.		
Loose formation	5	5
Sandstone, compact	20	25
Shale, soft, small amount of clay	10	35
Sandstone and shale, in alternate layers	95	130
Sandstone, decomposed, water-bearing	75	205
Shale, dark	15	220
Sand, gray	7	227
Shale, sandy	10	237
Sandstone, hard	10	247
Sand, coarse	11	258
Basaltlike material, gray	4	262
Sandstone, gray	32	294
Sandstone, hard, gray	59	353
No record	32	385
Casing: 12-inch to 12 ft.		
Well 24/5-24N2		
--- Paschal. About 550 ft N. and 1,250 ft E. of SW cor. Altitude about 1,085 ft. Drilled by H. O. Meyer, 1952.		
Loose material, brownish	7	7
Sandstone	23	30
Hard layer	2	32
Sandstone	13	45
Clay, gray, some sand, very hard at 68 ft	23	68
Shale, gray	343	411
Sandstone, coarse	6	417
Shale, gray, siltstone in layers, water-bearing	43	460
Shale, gray	90	550

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-24Q1		
R. Dowling. About 1,350 ft N. and 1,250 ft W. of SE cor. Altitude about 1,010 ft. Drilled by H. O. Meyer, 1951.		
"Hardpan" and boulders	40	40
Shale	30	70
Sandstone, water-bearing	31	101
Casing: 6-inch to 60 ft.		
Well 24/5-24Q2		
Bill Price. About 1,000 ft N. and 1,400 ft W. of SE cor. Altitude about 1,050 ft. Drilled by H. O. Meyer, 1952.		
Topsoil and boulders	15	15
Sand and gravel	3	18
Gravel and boulders	7	25
Sand, brown	22	47
Gravel and sand, water-bearing	4	51
Clay	2	53
Shale	11	64
"Black rock"	21	85
Sandstone, brown	5	90
Sandstone, black, water-bearing	70	160
Sandstone, gray	40	200
Sandstone, purple	3	203
Casing: 6-inch to 74 ft.		
Well 24/5-24R2		
W. E. Russell. About 400 ft N. and 350 ft W. of SE cor. Altitude about 1,150 ft. Drilled by H. O. Meyer, 1958.		
Fill	4	4
Sandstone, yellow, and clay	12	16
Sandstone, yellow, and clay with fissure and water-bearing	8	24
Sandstone, blue, and clay	20	44
Sandstone and clay	51	95
Sandstone, blue-green, soft clay	5	100
Sandstone, hard, blue-green	4	104
Sandstone, soft, blue-green	4	108
Sandstone, hard, blue-green	10	118
Sandstone, hard, blue-green, water-bearing	20	138
Sandstone, broken, hard, blue	15	153
Sandstone, gravel, particles	10	163
Sandstone and loose sand	7	170
Gravel, fine, and sandstone	24	194
Sandstone, blue, and gravel	16	210
Sandstone, black	25	235
Sandstone, dark, with metallike particles	30	265
Casing: 10-inch to 19 ft, 8-inch to 47 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/5-29B1		
H. O. Marshall. About 600 ft S. and 1,400 ft W. of NE cor. Altitude about 260 ft. Dug.		
"Hardpan"	24	24
Sand and gravel	4	28
Casing: 36-inch to 28 ft.		
Well 24/5-32B1		
I. L. Shaw. About 300 ft N. and 2,300 ft W. of SE cor. Altitude about 50 ft. Drilled by J. J. Bell.		
Clay	70	70
Sand and gravel, water-bearing	2	72
Casing: 6-inch to 72 ft.		
Well 24/5-32J1		
A. A. Brewer. About 2,300 ft N. and 300 ft W. of SE cor. Altitude about 330 ft. Drilled by J. J. Bell.		
"Hardpan" and clay	81	81
Sand and gravel, dry	42	123
Sand, hard, brown, and clay	30	153
"Hardpan," blue	15	168
Clay, sandy, brown	32	200
Sand and gravel, brown, water-bearing	16	216
Sand, blue, water-bearing	29	245
Sand, brown, dirty, water-bearing	----	----
Casing: 6-inch to 240 ft; screen from 240 to 245 ft.		
Well 24/6-3E1		
Harry Winkler. About 2,000 ft S. and 300 ft E. of NW cor. Altitude about 560 ft. Drilled by H. O. Meyer, 1951.		
Clay, loose, sand and gravel	3	3
Sand, clay, and boulders	11	14
Clay, gravel, hard	13	27
Clay, soft, blue	8	35
Sand and gravel, loose	5	40
Sand, blue, layer of clay	10	50
Gravel, loose	5	55
Gravel, clay, and sand	7	62
Clay, blue, "rocks"	4	66
Clay, blue	26	92
Clay, blue, and gravel, water-bearing	25	117
Clay, blue, and gravel	14	131
"Hardpan"	32	163
Gravel, water-bearing	13	176
Casing: 6-inch to 176 ft; perforated from 171 to 176 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-4E1		
Jim Harvey. About 1,550 ft S. and 150 ft E. of NW cor. Altitude about 375 ft. Drilled by H. O. Meyer, 1945.		
"Hardpan"	160	160
Gravel, loose	26	186
Casing: 6-inch to 186 ft; perforated from 176 to 186 ft.		
Well 24/6-4N1		
King County Water Dist. 82. About 700 ft N. and 1,250 ft E. of SW cor. About 85 ft E. of 24/6-4N2. Altitude about 450 ft. Drilled by H. O. Meyer, 1952.		
Sand and gravel	2	2
Gravel, coarse	4	6
"Hardpan"	14	20
Sand and "hardpan"	4	24
Sand, water-bearing	4	28
"Hardpan"	22	50
Gravel, dry	6	56
"Hardpan"	9	65
Gravel, coarse, and sand	23	88
Clay and sand	3	91
Sand and clay	2	93
Gravel, medium, and yellow sand	31	124
Gravel, coarse	2	126
Gravel, fine, and sand	7	133
Sand and clay	5	138
Gravel and sand	1	139
Gravel, coarse	3	142
Sand and gravel	3	145
"Hardpan," and fine gravel	3	148
Gravel, coarse	4	152
Gravel, sand, and clay	3	155
Sand, coarse to fine	11	166
Sand, fine	18	184
Sand, brown	7	191
Sand, gray, water-bearing	6	197
Sand, fine, gray	10	207
Clay, gray	15	222
"Hardpan," coarse, gray	8	230
"Hardpan," coarse, gravel, and clay	4	234
Clay, sand, and gravel	2	236
Gravel, coarse, water-bearing	2	238
"Hardpan"	2	240
Gravel, coarse, water-bearing	7	247
"Hardpan"	1	248
Gravel	6	254
Clay and sand	7	261
Gravel	2	263
Clay and gravel	3	266

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-4N1--Continued		
Clay, blue, and sand	4	270
Gravel, water-bearing	2	272
"Hardpan," clay, and sand	1	273
Gravel and sand, coarse	6	279
"Hardpan," clay, and sand	1	280
Gravel and sand, coarse	5	285
Sand, coarse, and fine gravel	6	291
Clay, hard, gray	9	300

Casing: 10-inch to 261 ft, 8-inch, from 250 to 291 ft; perforated, from 273 to 288 ft.

Well 24/6-4N2

King County Water Dist. 82. About 700 ft N. and 1,150 ft E. of SW cor. About 85 ft W. of 24/6-4N1. Altitude about 450 ft. Drilled by Western Drilling and Equipment Co.

Clay, brown, and topsoil	2	2
"Hardpan"	29	31
Gravel, loose	2	33
"Hardpan" with boulders	58	91
Sand, loose, and gravel	2	93
"Hardpan"	11	104
Sand, loose, fine, and gravel	29	133
Sand, coarse, gravel, and small boulders	18	151
Silt, sandy, and clay	41	192
Sand, fine, blue, with clay	48	240
Gravel, medium	3	243
Sand, fine	7	250
"Hardpan"	10	260
Sand and gravel, water-bearing	4	264
"Hardpan"	7	271
Sand, fine	4	275
"Hardpan"	6	281
Sand, fine, and clay	4	285
Clay and fine sand	13	298
Sand, fine, water-bearing	3	301
Clay and gravel	2	303
Gravel, water-bearing	5	308
Sand, water-bearing	1	309
"Hardpan"	4	313
Gravel, water-bearing	3	316
Sand, water-bearing	10	326
Clay, some peat	14	340
Gravel and sand, fine	6	346

Casing: 12-inch to 68.5 ft, 10-inch from 0 to 246 ft; perforated from 260 to 265 ft, and 303 to 317 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-5H1		
--- Cochrane. About 1,900 ft S. and 100 ft W. of NE cor. Altitude about 350 ft. Drilled by H. O. Meyer.		
Gravel and "hardpan"	50	50
Clay	80	130
Sand	20	150
Gravel	3	153
Casing: 6-inch to 153 ft.		
Well 24/6-6A2		
Tom Mason. About 250 ft S. and 550 ft W. of NE cor. Altitude about 40 ft. Drilled by John Malcolm.		
Clay	34	34
"Hardpan"	34	68
Sand, varying coarse and fine	35	103
"Bedrock"	----	----
Casing: 6-inch to 103 ft; perforations at about 68 ft.		
Well 24/6-8D1		
H. F. Woods. About 700 ft S. and 1,200 ft E. of NW cor. Altitude about 407 ft. Drilled by H. O. Meyer, 1951.		
Topsoil	4	4
"Hardpan" and gravel	16	20
"Hardpan" and sand	20	40
Sand and clay	16	56
Gravel	4	60
"Hardpan" and gravel	20	80
Sand and gravel, fine, water-bearing	5	85
Gravel, fine, and sand	12	97
Sand and clay	13	110
Clay	10	120
"Hardpan" and gravel	8	128
Gravel	4	132
Clay, blue, sand, and gravel, water-bearing	8	140
Sand and gravel, water-bearing	8	148
Clay, blue	3	151
Sand and clay, brown	11	162
"Hardpan" and gravel	6	168
Gravel, coarse	7	175
"Hardpan" and clay	4	179
Clay, water-bearing	2	181
Gravel, coarse	9	190
"Boulders"	1	191

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-8D1--Continued		
Sand, gravel, and clay	8	199
Gravel	1	200
Clay and sand	12	212
Clay, brown, and sand	43	255
Clay, blue	10	265
Clay, blue, sand, and gravel	72	337

Casing: 6-inch to 300 ft, 4-inch from 275 to 334 ft.

Well 24/6-8F1

Edwin Bond. About 2,200 ft S. and 2,050 ft E. of NW cor. Altitude about 380 ft. Drilled by H. O. Meyer, 1950.

Topsoil	2	2
"Hardpan"	26	28
"Hardpan" and coarse gravel	22	50
Sand	5	55
Sand and clay	17	72
"Hardpan," "rock," large, and coarse gravel	28	100
Clay	8	108
"Hardpan"	12	120
Clay and "hardpan"	20	140
Gravel, loose, water-bearing	6	146
"Hardpan" and gravel	6	152
Clay and sand	21	173
Gravel, water-bearing	15	188
Sand, clay, water-bearing	5	193
Silt, water-bearing	5	198
Clay, laminated	22	220
Clay, hard	70	290
Silt	28	318
Clay, laminated, blue	12	330
Clay, soft, gray	6	336
Gravel	6	342

Casing: 6-inch to 342 ft; perforated for 18 inches at about 340 ft.

Well 24/6-8K1

Erickson & Sons Poultry Farm. About 2,300 ft N. and 1,650 ft W. of SE cor. Altitude about 415 ft. Dug by Erickson, 1931.

Topsoil	2	2
"Hardpan"	60	62
Gravel, coarse, and sand	50	112
Sand	48	160
Sand, cemented	2	162
Sand, fine	10	172
Clay, blue	----	----

Casing: 32-inch to 160 ft, 12-inch from 160 to 172 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-9A3		
Bill Hanson. About 850 ft S. and 900 ft W. of NE cor. Altitude about 395 ft. Drilled by H. O. Meyer, 1950.		
Gravel	18	18
"Hardpan" and coarse gravel	17	35
"Hardpan"	15	50
Gravel and "hardpan"	15	65
Sand and gravel	5	70
Gravel, water-bearing	18	88
Gravel, clean, water-bearing	8	96
Casing: 6-inch.		
Well 24/6-9G1		
R. J. Swenson. About 1,450 ft S. and 2,250 ft W. of NE cor. Altitude about 400 ft. Drilled by H. O. Meyer.		
"Hardpan"	85	85
Sand	26	111
Casing: 6-inch to 105 ft; screen from 105 to 111 ft.		
Well 24/6-9H1		
G. Peterson. About 1,750 ft S. and 1,300 ft W. of NE cor. Altitude about 400 ft. Drilled by H. O. Meyer, 1950.		
"Hardpan"	80	80
Gravel, coarse, and sand	21	101
Casing: 6-inch to 101 ft.		
Well 24/6-9J1		
Providence Heights College. About 2,085 ft N. and 100 ft W. of SE cor. Altitude about 438 ft. Drilled by L. R. Gaudio, 1958.		
Topsoil	2	2
"Hardpan," sandy	5	7
"Hardpan"	34	41
Sand and gravel, coarse	54	95
Sand and gravel, with boulders	21	116
Sand and gravel, coarse, water-bearing	14	130
"Hardpan"	12	142
Clay, blue	60	202
Clay or shale, hard, blue	8	210
Casing: 12-inch to 128 ft; screen from 128 to 132 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-10E1		
A. M. Braydon. About 1,600 ft S. and 150 ft E. of NW cor. Altitude about 430 ft. Drilled by H. O. Meyer, 1947.		
Topsoil	3	3
Gravel	7	10
Clay and sand	6	16
Gravel, water-bearing	8	24
Gravel and sand	20	44
Clay and sand	16	60
Gravel	84	144
Casing: 6-inch to 144 ft.		
Well 24/6-10P1		
Phillip Frink. About 200 ft N. and 1,650 ft E. of SW cor. Altitude about 350 ft. Drilled by H. O. Meyer, 1952.		
Gravel	6	6
"Hardpan"	12	18
"Hardpan" and gravel	12	30
"Hardpan," soft, water-bearing	1	31
"Hardpan" and gravel	18	49
Sand, water-bearing	5	54
Gravel, water-bearing	5	59
Casing: 6-inch to 59 ft.		
Well 24/6-10Q1		
H. Shultz. About 100 ft N. and 1,550 ft W. of SE cor. Altitude about 390 ft. Drilled by H. O. Meyer.		
Topsoil	4	4
"Hardpan"	27	31
Sand and gravel, water-bearing	20	51
Casing: 6-inch to 51 ft.		
Well 24/6-14P1		
J. H. Mills. About 950 ft N. and 1,700 ft E. of SW cor. Altitude about 425 ft. Drilled by H. O. Meyer, 1952.		
"Hardpan"	10	10
Gravel	1	11
"Hardpan"	51	62
Sand, fine, brown, and gravel; water-bearing	13	75
Sand, medium, and fine gravel	20	95
Sand, coarse, and fine gravel	6	101
Casing: 6-inch to 101 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-15B2		
P. J. Hobbs. About 800 ft S. and 1,950 ft W. of NE cor. Altitude about 420 ft. Drilled by H. O. Meyer, 1949.		
Topsoil	3	3
"Hardpan"	5	8
Sand and gravel	12	20
Gravel	5	25
Sand, clay, and fine gravel	22	47
Sand, gravel, and clay; water-bearing	4	51
Sand and gravel, water-bearing	9	60
Casing: 4-inch to 60 ft.		
Well 24/6-16E1		
R. G. Haldeman. About 1,750 ft S. and 750 ft E. of NW cor. Altitude about 100 ft. Drilled by H. O. Meyer, 1952.		
Clay, yellow	22	22
Clay, blue	13	35
Sand	1	36
Clay, blue	10	46
Sand	1	47
Clay, blue	53	100
Clay, blue, and sand	50	150
Silt and sand	34	184
Sand, coarse, water-bearing	16	200
Silt and clay	27	227
Casing: 6-inch to 191 ft; screen from 191 to 196 ft.		
Well 24/6-18E1		
A. J. Peters, Jr. About 3,450 ft N. and 750 ft E. of SW cor. Altitude about 120 ft. Dug by owner, 1952.		
Clay	6	6
"Hardpan"	18	24
Gravel, dry	6	30
Sand, gravel, and "hardpan"	5	35
"Hardpan" and sand, interbedded	5	40
Well 24/6-19L1		
A. Perrow. About 1,450 ft N. and 2,450 ft E. of SW cor. Altitude about 740 ft.		
"Hardpan"	66	66
Shale	1	67
Casing: 48-inch to 67 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-19P1		
Edgehill Water Assoc. About 900 ft N. and 2,450 ft E. of SW cor. Altitude about 775 ft. Drilled by J. J. Bell, 1953.		
Topsoil	2	2
Clay, brown, sand, and pebbles	20	22
Shale, vari-colored	48	70
Sandstone, laminated, blue, water-bearing	75	145
Silt, hard, blue	105	250
Silt, hard, blue, and sand	5	255
Casing: 8-inch to 65 ft.		
Well 24/6-19Q1		
U.S. Army Corps of Engineers. About 1,100 ft N. and 2,200 ft W. of SE cor. Altitude 708.1 ft. Drilled by Service Hardware, 1954.		
Topsoil	2	2
Clay, soft, "rock fragments"	4	6
Sand, silty, dark gray	31	37
Sand, silty, gravelly	31	68
Gravel, sandy	3	71
Sandstone, fine to medium-grained	19	90
Sandstone, fine-grained, gray-green	237	327
Casing: 10-inch to 71 ft, 8-inch from 66 to 327 ft; perforated from 120 to 130 ft and from 230 to 250 ft.		
Well 24/6-21J1		
Al Peters. About 2,400 ft N. and 1,100 ft W. of SE cor. Altitude about 50 ft. Drilled by H. O. Meyer.		
Topsoil	2	2
Clay, soft, and peat	9	11
Sand, gravel, and clay	24	35
"Hardpan"	35	70
Sand, dirty, and gravel	30	100
Sand, fine, and some small gravel; water-bearing	20	120
Sand and small gravel	20	140
"Hardpan"	10	150
Casing: 6-inch.		
Well 24/6-21N1		
Pickering Bros. About 600 ft N. and 500 ft E. of SW cor. Altitude about 51 ft. Drilled by H. O. Meyer, 1955.		
"Muck" and clay	57	57
Clay and silt	13	70
Silt and sand	1	71
Sand and gravel	5	76
Casing: 6-inch to 71 ft; screen from 71 to 76 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-22H1		
G. W. Sherrell. About 1,500 ft S. and 1,100 ft W. of NE cor. Altitude about 430 ft. Drilled by Charles Olson.		
Sand and gravel	12	12
"Hardpan"	39	51
Sand and gravel	3	54
Casing: 48-inch, concrete tile, to 12 ft.		
Well 24/6-22L2		
Bert Keleman. About 2,000 ft N. and 2,200 ft E. of SW cor. Altitude about 390 ft. Drilled by H. O. Meyer, 1950.		
Topsoil	3	3
"Boulders" and gravel	12	15
Sandstone, shale, and clay, in alternate layers	105	120
Gravel, loose, water-bearing	7	127
Sandstone	11	138
Casing: 6-inch.		
Well 24/6-27D1		
Lakeside Gravel Co. About 700 ft S. and 1,125 ft E. of NW cor. Altitude about 75 ft. Drilled by Safely.		
Sand and gravel	11	11
"Hardpan"	9	20
Gravel, coarse, water-bearing	2	22
"Hardpan"	19	41
Gravel, coarse, water-bearing	7	48
Gravel, medium, water-bearing	10	58
Casing: 12-inch to 58 ft; perforated from 48 to 57 ft.		
Well 24/6-27D2		
Lakeside Gravel Co. About 700 ft S. and 1,125 ft E. of NW cor. Altitude about 80 ft. Drilled by L. R. Gaudio.		
Sand and gravel	16	16
Sand, brown, clay, and gravel	14	30
Gravel, coarse, clean, brown	12	42
Gravel, coarse, black, muddy	4	46
Casing: 12-inch to 33 ft; screen from 31 to 42 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-27D3		
Lakeside Gravel Co. About 700 ft S. and 900 ft E. of NW cor. Altitude about 75 ft. Drilled by L. R. Gaudio.		
"Hardpan"	30	30
Clay, yellow	1	31
Sand	21	52
Gravel and sand, tight, water-bearing	10	62
Casing: 12-inch to 52 ft; screen from 52 to 62 ft.		
Well 24/6-27Q2		
City of Issaquah. About 350 ft N. and 1,450 ft W. of SE cor. Altitude about 250 ft. Drilled by A. A. Day, 1948.		
"Boulder slide"	32	32
Clay, blue	80	112
Sandstone and shale	78	190
Sand and gravel (conglomerate)	110	300
Casing: 8-inch to 280 ft; screen from 280 to 300 ft.		
Well 24/6-28F1		
Roy Pickering. About 2,450 ft S. and 1,400 ft E. of NW cor. Altitude about 210 ft. Drilled by H. O. Meyer, 1954.		
"Muck" and clay	16	16
"Hardpan" and boulders	24	40
"Hardpan"	40	80
Clay and silt	40	120
Silt and sand, with clay streaks; water-bearing at 140 ft	57	177
Sand and clay, water-bearing	20	197
Casing: 6-inch to 187 ft, screen from 187 to 197 ft.		
Well 24/6-28J1		
Darigold Farms. About 2,050 ft N. and 100 ft W. of SE cor. Altitude about 80 ft. Drilled by R. P. Safely, 1949.		
Topsoil	3	3
"Hardpan" and "rocks"	5	8
"Hardpan," yellow	17	25
Gravel, water-bearing	5	30
"Hardpan," yellow clay, and gravel	2	32
Gravel, fine, and sand	10	42
Gravel, fine, brown sand, and "basalt," water-bearing	12	54
Casing: 12-inch to 54 ft; perforated from 40 to 50 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/6-33L1		
Mount Park Estates. About 2,400 ft N. and 1,400 ft E. of SW cor. Altitude about 570 ft. Drilled by H. O. Meyer, 1955.		
Topsoil	2	2
"Hardpan"	31	33
Gravel, coarse, and some boulders	10½	43½
Sandstone, brown	5½	49
Sandstone, gray	31	80
Sandstone, purple	5	85
Sandstone, gray	20	105
Shale and coal	5	110
Sandstone, brown	18	128
Coal	6	134
Sandstone, white, water-bearing	86	220
Coal and shale	10	230
Sandstone, water-bearing	10	240
Sandstone, soft	15	255
Coal, water-bearing	5	260
Clay, white	5	265
Casing: 8-inch to 57 ft.		
Well 24/7-4M1		
Gordon Ransom. About 1,500 ft N. and 1,300 ft E. of SW cor. Altitude about 85 ft. Dug, 1930.		
Soil	11	11
Sand	8	19
Gravel	5	24
"Quicksand"	----	----
Casing: 24-inch, tile, to 23 ft.		
Well 24/7-8J1		
W. E. Boeing. About 1,500 ft N. and 150 ft W. of SE cor. Altitude about 100 ft. Drilled by H. O. Meyer, 1952.		
Gravel	15	15
Clay, yellow	15	30
Sand, water-bearing	33	63
Clay and silt	35	98
Sand, fine	6	104
Silt, rocks, and clay	16	120
Clay	10	130
Casing: 6-inch to 98 ft; screen, from 98 to 104 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/7-9E1		
F. Crittenden. About 2,100 ft S. and 200 ft E. of NW cor. Altitude about 80 ft. Drilled by H. O. Meyer, 1946.		
"Hardpan," loose	35	35
Clay and sand	15	50
Sand, coarse, sharp	15	65
Casing: 6-inch to 59 ft; screen, from 59 to 65 ft.		
Well 24/7-10C1		
C. F. Alexander. About 950 ft S. and 2,100 ft E. of NW cor. Altitude about 79 ft. Drilled by H. O. Meyer, 1951.		
Topsoil	3	3
"Hardpan"	22	25
Gravel	27	52
Clay, blue	----	----
Casing: 8-inch to 52 ft; perforated from 25 to 49 ft.		
Well 24/7-15F1		
Fall City Water Co. About 70 ft S. of the cen. of the W. end of 3rd St. Drilled by H. O. Meyer, 1959.		
Topsoil, sandy	6	6
Gravel, very coarse	20	26
Gravel with sand	6	32
Gravel, loose	3	35
Gravel, some sand	26	61
Gravel, sand, some clay	26	87
Gravel and sand	11	98
Gravel and sand (water, 50 gpm)	5	103
Clay, blue, and fine sand	19	122
Sand, gray, some clay	16	138
Clay	6	144
Gravel, gray sand	7	151
Sand, fine, and gravel	19	170
Gravel, sand, water-bearing	6	176
Sand, silt, and gravel	4	180
Sand and gravel	7	187
Sand, coarse, and gravel	10	197
Sand, very clean, and gravel	9	206
Clay	1	207
Casing: 16-inch to 20 ft; 8-inch to 206 ft; screen from 191 to 206 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 24/7-21A1		
Grace Johnson. About 150 ft S. and 1,250 ft W. of NE cor. Altitude about 400 ft. Drilled by H. O. Meyer, 1951.		
Topsoil	3	3
Sand, brown, and clay	15	18
Clay, blue, and sand	72	90
Sand	1	91
Clay, blue-gray	9	100
Clay, gray, and sand	50	150
Clay, brown	10	160
Clay, soft, and sand	24	184
Gravel, fine	1	185
Clay and sand	3	188
Gravel and clay, water-bearing	12	200
Gravel, water-bearing	1	201
Clay, water-bearing	44	245
Gravel, coarse, water-bearing	12	257
Clay, gray	14	271
Sand	12	283
Casing: 6-inch to 250 ft, 4-inch from 240 to 283 ft.		
Well 25/3-11K1		
Stimson Mill Co. About 50 ft N. and 300 ft W. of intersection of Shilshole Ave. and 22nd Ave. NW. Altitude about 15 ft. Drilled by N. C. Jannsen Drilling Co., 1939.		
Gravel	36	36
Gravel, and some clay in layers	87	123
Clay	11	134
Gravel, cemented	23	157
Clay, hard, sticky, blue	108	265
Gravel, hard	10	275
Clay, sticky	27	302
Gravel	23	325
Clay, and cemented gravel	20	345
Gravel and sand	5	350
Clay	16	366
Gravel	46	412
Clay	18	430
Gravel	33	463
Clay, sticky	49	512
Gravel	8	520
Clay	22	542
Sand and clay	18	560
Sand	10	570
Shale, gray	460	1,030
Casing: 16-inch to 100 ft, 12-inch to 1,030 ft; perforated from 111 to 123 ft, 137 to 160 ft, 260 to 275 ft, 302 to 325 ft, 335 to 350 ft,366 to 412 ft, 430 to 463 ft, and 484 to 550 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/3-14J1		
Great Northern Ry. Co. About 50 ft S. and 650 ft E. of intersection of Ruffner St. and 21st Ave. W. Altitude about 15 ft. Drilled by N. C. Jannsen Drilling Co., 1933.		
Sand fill	14	14
Clay	6	20
Sand and gravel	25	45
Sand	10	55
Gravel, cemented	23	78
Clay	17	95
Sand and gravel	25	120
Clay	5	125
Gravel	10	135
Clay and boulders	20	155
Clay, sticky, blue	40	195
Clay	125	320
Gravel, cemented	6	326
Clay	16	342
Sand, fine	4	346
Clay	25	371
Clay, sandy	5	376
Gravel, water-bearing	2	378
Clay	32	410
Gravel, hard	15	425
Gravel, loose, water-bearing	5	430
Gravel, cemented	10	440
Gravel, loose, water-bearing	3	443
Gravel, cemented	5	448
Boulders, water-bearing	2	450
Gravel, cemented	8	458
Gravel and sand, water-bearing	8	466
Clay	3	469
Sand	2	471
Gravel, cemented	4	475
Boulders, water-bearing	2	477
Gravel	8	485
Clay	3	488
Gravel, water-bearing	14	502
Clay	18	520
Gravel, water-bearing	5	525
Clay, sandy	20	545
Casing: 16-inch to 74 ft, 8-inch from 69 to 512 ft; perforated from 371 to 502 ft.		
Well 25/3-23Q1		
U.S. Navy, Pier 91. About 400 ft N. and 1,550 ft W. of intersection of W. Garfield St. and 15th Ave. W. 40 ft N. and 60 ft E. of NW cor.of cold storage Bldg. Altitude 18.69 ft. Drilled by A. A. Durand and Son, 1943.		
Gravel and sand	53	53
Clay and sand	21	74
Clay, blue	25	99
Sand, gray (some clay)	29	128
Clay, blue	52	180
Clay, blue, and sand	42	222

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/3-23Q1--Continued		
Sand and gravel	58	280
Sand	2	282
Sand and gravel	76	358
Sand and blue clay	22	380
Sand and gravel	34	414
Sand	46	460
Clay, blue	8	468
Clay, blue, and fine sand	35	503
Sand	12	515
Sand and clay	8	523
Clay, blue	34	557
Sand	13	570
Clay, blue	50	620
Clay and sand	10	630
Sand, black	5	635
Gravel	17	652
Sand, fine, black	25	677
Sand	60	737
Gravel and clay	10	747
Sand, gray	11	758
Clay and sand	19	777
Clay, blue	5	782
Clay and gravel	3	785
Sand, fine	2	787
Clay and sand	8	795
Clay, blue, and fine sand	100	895
Clay, blue, and fine sand, and blue sandy shale	65	960
Clay, blue	124	1,084

Casing: 15-inch to about 222 ft, 12-inch from 0 to about 626 ft, 10-inch from about 614 to about 1,050 ft. Perforated from 251 to 304 ft and from 635 to 747 ft.

Well 25/4-3E1

R. Spoor. About 1,850 ft S. and 600 ft E. of NW cor. Altitude about 305 ft. Dug by owner.

Topsoil	3	3
"Hardpan"	4	7
Clay, blue, some sand	11	18

Well 25/4-10M1

Joseph Corbett. About 150 ft S. and 800 ft E. of W¼ cor. Altitude about 150 ft. Drilled by E. F. Axelsen, 1947.

Soil	2	2
Clay, brown, sand, and gravel	8	10
Clay, blue	39	49
Sand and gravel, water-bearing	11	60

Casing: 6-inch to 60 ft.

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-11A1		
Washington Toll Bridge Authority, test hole 4. About 500 ft N. and 1,950 ft E. of intersection of E. 60th St. and 65th Ave. NE, 600 ft E. of Shore Line. Altitude -39.4 ft. Drilled, 1953.		
Gravel, fine	5	5
"Hardpan"	32	37
Clay, blue	37	74
Well 25/4-12C1		
Washington Toll Bridge Authority, test hole 5. About 800 ft N. and 4,650 ft E. of intersection of E. 60th St. and 65th Ave. NE, 3,000 ft E. of Shore Line. Altitude -158.4 ft. Drilled, 1953.		
"Mud" and silt	21	21
"Hardpan"	19	40
Well 24/5-16D1		
University of Washington Dept. of Fisheries, test hole. About 900 ft S. and 700 ft E. of NW cor. Altitude about 190 ft. Drilled by L. R. Gaudio, 1953.		
"Hardpan," gray	22	22
Gravel, with "hardpan"	33	55
"Hardpan," blue	25	80
Sand, medium	25	105
Sand and gravel	1	106
Sand, muddy, little gravel	36	142
Sand and gravel	13	155
Clay and gravel	9	164
Clay, blue	16	180
Casing: 8-inch. Perforated from 144 to 150 ft.		
Well 25/4-16D2		
University of Washington, Dept. of Fisheries. About 900 ft S. and 700 ft E. of NW cor. Altitude about 190 ft. Drilled by L. R. Gaudio, 1953.		
Tunnel	65	65
Sand, silty	39	104
Sand, and some fine gravel	23	127
"Hardpan"	2	129
Sand	1	130
Sand and gravel, hard packed	8	138
Sand and gravel	6	144
Sand and some gravel	6	150
Sand, very little gravel	7	157
Casing: 12-inch to 133 ft; screen from 133 to 148 ft.		

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-16N1		
University of Washington, Dept. of Fisheries. About 100 ft N. and 1,150 ft W. of intersection of E. Pacific St. and Montlake Blvd. Altitude about 50 ft. Drilled by N. C. Jannsen, 1952.		
"Hardpan"	48	48
Sand and gravel	2	50
Gravel, cemented	8	58
Sand and gravel	1	59
Sand and gravel, dirty	26	85
Clay, blue	12	97
Sand, dirty, and fine gravel	8	105
Clay, sandy, blue, few small pebbles	11	116
Clay, blue	44	160
Well 25/4-17K1		
Washington Highway Dept., test hole. About 550 ft S. and 900 ft W. of intersection of E. Pacific St. and Fairview Ave. N. Altitude 17.17 ft. Drilled 1952.		
Sand, fine, and gravel	13	13
Sand, coarse, and large and small gravel	7	20
Sand and gravel, compact	9	29
Sand and gravel, compact, gray	8	37
Sand, medium to fine, silty	26	63
Sand, fine, silty, and some clean	9	72
Sand, clayey, some silt	6	78
Well 25/4-17K2		
Washington Highway Dept., test hole. About 250 ft N. and 200 ft W . of intersection of Fuhrman Ave. and Fairview Ave. Altitude 10.34 ft. Drilled, 1952.		
Gravel and sand, brown	1½	1½
Gravel and sand, some blue clay	6	7½
Gravel and sand, hard, brown	2½	10
Gravel and sand, very compact	18	28
Sand, silty, and clay	4	32
Sand, compact, and coarse to fine gravel	18	50
Sand, compact, fine, silty, some coarse	25	75
Well 25/4-18P1		
Washington Highway Dept., test hole 2. About 550 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude -30.7 ft. Drilled, 1929.		
"Mud" and sand, fine	27	27
Sand and gravel, fine	8	35
Sand, fine	4	39
Gravel, fine	1	40
Sand, fine, and gravel	13	53
Sand, fine to coarse, and clay	4	57

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-18P1--Continued		
Sand, fine, and clay	3	60
Clay, with sand	7	67
Clay, sandy	5	72
Clay, medium soft	16	88
Clay, harder	15	103
Clay, hard	17	120
Well 25/4-18P2		
Washington Highway Dept., test hole 118. About 750 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude -32 ft. Drilled, 1929.		
Silt	38	38
Sand and gravel	20	58
Sand and some gravel	39	97
Clay	61	158
Well 25/4-18P3		
Washington Highway Dept., test hole 109. About 250 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude 15.0 ft. Drilled, 1929.		
"Chips"	5	5
Sand and gravel	13	18
Wood	2	20
Gravel	5	25
Sand and gravel	5	30
Sand and gravel, loose	5	35
Gravel, pea size, and clay	10	45
Clay	55	100
Well 25/4-19C1		
Washington Highway Dept., test hole 116. About 1,300 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude 4.0 ft. Drilled, 1929.		
Silt	17	17
Clay, soft, and silt	10	27
Sand and gravel, fine	10	37
Sand	10	47
Gravel, fine	10	57
Gravel and clay	10	67
Gravel, fine	10	77
Sand, fine, and clay	30	107
Clay, blue	30	137

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-19C2		
Washington Highway Dept., test hole 105. About 1,500 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude 19.0 ft. Drilled, 1929.		
Sand, gravel, and yellow clay	10	10
Sand, gravel, and blue clay, thin layers of "hard material"	10	20
Sand, coarse, and gravel	10	30
Sand, gravel, and a little clay	10	40
Sand	10	50
Clay and gravel	10	60
Sand and gravel, soft	17	77
Clay and gravel, pea size	3	80
Sand, clay, and gravel	20	100
Sand, fine, and strata of clay	10	110
Clay, fine sand, and gravel, interbedded	20	130
Sand, fine, and gravel	4	134
Clay and pea size gravel	6	140
Sand and gravel	10	150
Clay, tough, small amount of sand and gravel	20	170
Clay and gravel	10	180
Well 25/4-19C3		
Washington Highway Dept., test hole 104. About 1,700 ft S. of intersection of N. 34th St. and Aurora Ave. Altitude 40.0 ft.		
Clay, blue, and shale	10	10
Sand	10	20
Clay, some gravel	7	27
"Hardpan," well cemented	8	35
"Hardpan," very sandy	3	38
Sand, packed, water-bearing	2	40
"Hardpan," boulders at 49 ft	10	50
Gravel, pea size, and sand	10	60
Sand, coarse	5	65
"Hardpan layers," water-bearing	15	80
Sand, medium, "granite color"	10	90
Sand and gravel	40	130
Sand	8	138
Well 25/4-20H1		
Washington Toll Bridge Authority, test hole. About 100 ft S. and 1,100 ft E. of intersection of Roanoke St. and 11th Ave. N. Altitude about 19 ft. Drilled, 1954.		
Peat and silt	27	27
Sand	12	39
Sand, gravel, and clay	18	57
Sand and clay	2	59

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-21A1		
Washington Toll Bridge Authority, test hole. About 100 ft N. and 1,500 ft E. of intersection of Roanoke St. and 25th Ave. N. Altitude about 14 ft. Drilled, 1954.		
Peat	35	35
Clay, sand, and gravel	8	43
Sand and clay, silty	8	51
Well 25/4-21A2		
Washington Toll Bridge Authority, test hole. About 650 ft N. and 1,500 ft E. of intersection of Roanoke St. and 25th Ave. N. Altitude about 17 ft. Drilled, 1954.		
Peat	51	51
Clay	20	71
Sand and gravel	5	76
Gravel	2	78
Clay, sand, and gravel	20	98
Well 25/4-21E1		
Washington Toll Bridge Authority, test hole. About 600 ft N. and 50 ft W. of intersection of Calhoun St. and 16th Ave. N. Altitude about 19 ft. Drilled, 1954.		
Peat	18	18
Clay, silty	20	38
Clay	6	44
Clay and sand	16	60
Sand, clayey	11	71
Clay, silty	5	76
Sand, clayey	6	82
Sand, fine	2	84
Well 25/4-22C1		
Washington Toll Bridge Authority, test hole. About 900 ft N. and 1,650 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude about 17 ft. Drilled, 1954.		
Peat	29	29
Sand and clay	4	33
Gravel	4	37
Sand and gravel	7	44
Clay	2	46
Clay and silt	4	50
Silt and gravel	4	54
Clay, silt, and gravel	2	56

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-22C2		
Washington Toll Bridge Authority, test hole. About 1,200 ft N. and 1,600 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude about 17 ft. Drilled, 1954.		
Peat	36	36
Clay	7	43
Sand and gravel (clay at 63 ft)	24	67
Sand	13	80
Well 25/4-22C3		
Washington Toll Bridge Authority, test hole. About 900 ft N. and 950 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude about 14 ft. Drilled, 1954.		
Peat	8	8
Clay	4	12
Sand and clay	5	17
Clay	5	22
Sand	6	28
Sand and clay	3	31
Sand	4	35
Sand and clay	22	57
"Granite, decomposed"	4	61
Clay	3	64
Well 25/4-22D1		
Washington Toll Bridge Authority, test hole. About 850 ft N. and 2,950 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude about 17 ft. Drilled, 1954.		
Peat	38	38
Clay	5	43
Clay and sand	7	50
Clay, sand, and gravel	5	55
Well 25/4-22D2		
Washington Toll Bridge Authority, test hole. About 1,500 ft N. and 2,600 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude 18.5 ft. Drilled, 1954.		
Peat	41	41
Clay	11	52
Clay, sand, and gravel	4	56
Gravel and rock	4	60

Table 7.--Drillers' logs of wells in northwest King County, Wash.--Continued

Material	Thickness (feet)	Depth (feet)
Well 25/4-22D3		
Washington Toll Bridge Authority, test hole. About 1,350 ft N. and 2,050 ft W. of intersection of McGilvra St. and 43rd Ave. N. Altitude about 18 ft. Drilled, 1954.		
Peat	53	53
Clay	26	79
Clay and sand	4	83
Sand	8	91
Sand and clay	11	102
Sand	3	105
Well 25/4-22G1		
Washington Toll Bridge Authority, test hole 6. About 850 ft N. and 350 ft W. of intersection of McGilvra St. and 43rd Ave. N. on center line of McGilvra Blvd. extended. Altitude 13.5 ft. Drilled, 1953.		
Clay, blue, and sand	32	32
Well 25/4-22G2		
Washington Toll Bridge Authority, test hole 3. About 750 ft N. and 150 ft E. of intersection of McGilvra St. and 43rd Ave. N. 1,576 ft E. of 25/4-22G1. Altitude -9 ft. Drilled, 1953.		
Sand and gravel	10	10
Clay, coarse, brown	33	43
Sand, small amounts of clay	3	46
"Hardpan" and clay	5	51
Clay, coarse, blue	1	52
Sand	22	74
Sand and gravel	26	100
"Soil," brown	1	101
"Soil," gray	----	----
Well 25/4-22Q1		
Washington Toll Bridge Authority, test hole 2. On E. Garfield St. extended, 205 ft E. of Shore Line. Altitude -18 ft. Drilled, 1953.		
Sand and gravel	6	6
Sand, gravel, and coarse clay	14	20
Clay, brown	4	24
Gravel, coarse	36	60
Clay, blue	10	70
Sand	4	74
Clay, blue	----	----